

62



Girard NURSERIES
GENEVA, OHIO
1962 Catalog

DEAR GARDEN FRIENDS AND CUSTOMERS:

We are happy to present you with this copy of our Spring 1962 catalog. As you leaf through you will find many interesting items to make your house a home, and your garden a paradise.

Should you be interested in growing potted plants for Bonsai culture, we have many varieties from two to ten years old. If you are making a collection of rare plants, we have a number of species of unusual varieties. You will find we also have a good selection of stock for Christmas tree purposes, including pines, firs and spruce. For the business-minded interested in opening a nursery, we offer a wide variety of plants for the beginner and large quantities for the wholesale grower.

Your inquiries are welcome. If you don't see it listed, ask about it — we probably have just what you want. You have a standing invitation to visit with us and meet our boys — Gene Eller, Joe Fusco, Peter Girard, Jr., and myself, Senior — we'll be happy to see you anytime!

Sincerely,

PETER E. GIRARD, SR.

OUR MOTTO:

A HOME IS NOT A HOME UNTIL IT'S PLANTED. Beautify your home and our country.

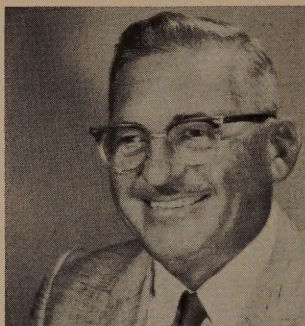
LOCATION OF OUR NURSERY—Visitors are welcome. We are located on U. S. Route 20, in Saybrook, approximately 3 miles east of Geneva and 7 miles west of Ashtabula, Ohio, on north side of road.

If you wish to pick up your order at our nursery, drop us a line and give us exact time and date you will arrive—it will be ready.

OUR GUARANTEE—We guarantee our plants to reach you in good, healthy condition and free from injurious pest and disease. After stock is planted we cannot assume responsibility. Success and continued growth depend largely on soil and weather conditions, over which we have no control.

SEASONS—Our Spring shipping season begins as soon as frost is out of the ground and stock can be dug. It continues until June, weather permitting. Fall shipping begins about the first part of September and ends when ground freezes.

PACKING & SHIPPING—We assure you good, clean stock, free from disease and insects, and hardy Northern grown. All bare root plants will be packed with damp sphagnum moss, wrapped in waterproofed kraft paper and carefully tied. Large orders will be packed in wirebound crates or large wooden boxes. Every shipment will bear an Inspection Certificate.



PETER E. GIRARD, SR.

Larger orders are sent via Express collect, smaller orders via parcel post. We do not request our customers to add a percentage to their orders to cover cost of handling, but we do ask them to remit postage due when billed. When shipment is received check plants carefully and report any damage or delay to your agent at once, and also notify us.

MAKING OUT ORDERS—Make sure name and address is clearly printed or written. "Postoffice" means the City or Town to which your mail is delivered. If destination is other than your mail address please state clearly. If your city has no Express Office please fill in on order blank, "Express Office Nearest You". Minimum order \$4.00.

WHEN TO ORDER—Please order as early in the season as possible. Unlike other items you buy, nursery stock should be ordered in advance; long before shipping time is best. There is always some variety on which we may run short.

We will not substitute unless we have your permission. However, we do prefer that you indicate second choice where possible.

DUE TO INCREASED COSTS, WE CANNOT ACCEPT ORDERS FOR LESS THAN \$4.00. SIZES AND PRICES IN THIS CATALOG SUPERSEDE ALL OTHER CATALOGS.

GROWING EVERGREENS FROM SEED

SOWING EVERGREEN SEEDS

Evergreen seeds should never be sown in greenhouses, hot beds, or cold frames, for they need more ventilation. Seed bed soil should be of sandy nature. If the soil is hard dig it up, and mix sand and peat with it so it will be loose and friable. Select a level spot outdoors for a seed bed, where washing will not occur from rains. We give several methods of sowing. Two things cause loss of seedlings, damping off which is caused by fungi in the soil, and weeds. In a small way seeds are best sown in flats, the flats placed under lath shade in the seed bed outdoors. One packet of the finer seeds like Spruce will sow a flat.

PRICE: 25¢ per packet; 5 packets your choice \$1.00. Trade packets 75¢ each; 3 for \$2.00. All postpaid.

Mixed Evergreen Seeds, made up from varieties listed, large packets 25¢; 5 packets \$1.00 postpaid.

DIFFERENT METHODS OF SOWING

To avoid damping off trouble, sterilize the soil for the flats by cooking moist soil in an oven for 20 minutes. After flats are filled, sow seed thinly broadcast, and just cover the depth of the seed with sterilized sand or peat. Larger seeds press down. If one is not fixed to sterilize so much soil, fill flat first $\frac{3}{4}$ of depth with soil. Sterilize enough soil for the other $\frac{1}{4}$ needed to fill the flat. Cover seeds as shown above. There may be a little damping off with this latter method; to help avoid this on cloudy days remove shade and sprinkle a little sterilized sand over the seedlings every few days. Don't water every day, water thoroughly and let flats dry out a little. Damping off occurs more in moist, sultry weather.

Winter Care: After ground freezes mulch with sawdust, leaves, lawn clippings, marsh hay or peat. Evergreen boughs make nice cover.

ORDERS: All seed orders are subject to previous sale. Delivery cannot be guaranteed unless orders are placed promptly.

EVERGREEN SEED LIST

Abies (Fir)

- Abies Amabilis—Cascade Fir
- Abies Balsamea—Balsam Fir
- Abies Concolor—Colorado White Fir
- Abies Fraseri—Fraser Fir
- Abies Grandis—Grand Fir
- Abies Homolepis—Nikko Fir
- Abies Laciocarpa Arizona—Arizona Fir
- Abies Veichi—Veich Fir

Juniperus (Juniper)

- Juniperus Chinensis—Chinese Juniper
- Juniperus Chinensis Japonica—Japanese Juniper
- Juniperus Communis—Common Juniper
- Juniperus Horizontalis—Creeping Juniper
- Juniperus Rigida—Needle Juniper
- Juniperus Scopulorum—Silver Juniper
- Juniperus Virginiana—American Red Cedar

Picea (Spruce)

- Picea Densata Glauca—Black Hill Spruce
- Picea Engelmanni Glauca—Englemann Spruce
- Picea Excelsa—Norway Spruce
- Picea Glauca—White Spruce
- Picea Mariana—Black Spruce
- Picea Pungens—Colorado Blue Spruce
- Picea Sitchensis—Sitka Spruce

Pinus (Pines)

- Pinus Aristata—Bristle Cone Pine
- Pinus Banksiana—Jack Pine
- Pinus Cembra—Swiss Stone Pine
- Pinus densiflora—Jap Red Pine
- Pinus Flexilis—Limber Pine
- Pinus Jeffreyi—Jeffrey's Pine

- Pinus Koraiensis—Korean Pine

- Pinus Mugho—Mugho Pine

- Pinus Nigra—Austrian Pine

- Pinus Parviflora—Jap White Pine

- Pinus Pinea—Italian Stone Pine

- Pinus Ponderosa—Western Yellow Pine

- Pinus Resinosa—Norway Red Pine

- Pinus Strobus—White Pine

- Pinus Sylvestris—Scotch Pine

Thuja (Arborvitae)

- Thuja Occidentalis—American Arborvitae

- Thuja Orientalis Aurea—

- Gold Oriental Arborvitae

- Thuja Orientalis Compacta—

- Dwarf Oriental Arborvitae

- Thuja Orientalis Pyramidalis—

- Pyramidal Oriental Arborvitae

- Thuja Plicata—Giant Arborvitae

Cedrus (Cedar)

- Cedrus Atlantica Glauca—

- Blue Atlas Cedar

- Cedrus Deodara—Deodar Cedar

- Cedrus Libani—Cedar-of-Lebanon

Larix (Larch)

- Larix Decidua—European Larch

- Larix Leptolepis—Japanese Larch

Tsuga (Hemlock)

- Tsuga Canadensis—Canadian Hemlock

- Tsuga Diversifolia—Japanese Hemlock

Pseudotsuga Taxifolia Glauca—

- Blue Douglas Fir

Libocedrus Decurrens—Incense Cedar

Cunninghamia Lanceolata—China Fir

Taxus Cuspidata—Japanese Yew

Cryptomeria Japonica—Cryptomeria

Due to weather conditions and difficulty in collectors getting to the seed stands and failure in trees to bear normal crops, we are not always able to supply many varieties of seeds we list. We, therefore, suggest substitute varieties. No seed orders accepted for less than \$1.00.

BONSAI TREES



Tree in Foreground is a
Juniperis Plumosa Aurea



Trees in foreground Ginkgo Biloba
3 trunks twisted, tree on right
Weeping Beech



Tree in foreground Flowering Pomegranate,
Zelkova in center, *Pfitzer Juniper*
in background



Zelkova Serrata,
Japanese Keaki Elm



Group of potted plants grown outdoors
on one of our benches



Japanese Black Pine over 100 years old.
—Photo courtesy of Brooklyn
Botanic Gardens

BONSAI (Living Miniature Tree)

A bonsai is a living miniature tree, evergreen or deciduous, shrub or vine, grown in plant containers, usually shallow, some only one or two inches deep. Of course, bonsai is not just a plant grown in a container, but a plant skillfully trimmed and shaped to give the appearance of another old tree or shrub growing native on some windswept mountain, or a battered tree along the coastline, or a beautiful specimen tree left growing in the countryside without a care or worry of what is happening in this troubled world. Imagination is helpful in this creative art; like great painters and builders, one soon begins to put his imagination to work.

Until World War II, bonsai was little known in America. Bonsai is now becoming popular, with bonsai clubs springing up all through the United States. Bonsai classes are being conducted in several widespread areas, and bonsai shows are being held in the East Coast, Midwest and West Coast areas of the U. S., where many amateurs bring their plants to be judged in competition.

Although many fine specimens are found growing in their natural state and used by many bonsai fanciers, most prefer the nursery grown stock which is much easier to transplant and the losses are at a minimum. The big problem has been finding authentic containers and until the last two or three years all bonsai pots had to be imported from Japan. We now have several potteries in the U. S. producing these pots.

An authoritative account of the bonsai art is found in "Dwarfed Potted Trees" published by The Brooklyn Botanic Garden, Brooklyn, New York and available at \$1.00 per copy. The information contained in this handbook is as good as, if not better than, some of the books sold at many times the price.

Since we first listed trees for bonsai culture, the demand has become so great that we are increasing our list of plants. All Baby Bonsai trees are 2 and 3 years old, all root-pruned and potted in 2 and 3 inch pots. We do have some larger specimen plants which we are listing this season.

BABY TREES (GROUP I) suitable for bonsai culture; 2 and 3 years old; root-pruned; potted in 2 and 3 inch pots; 75¢ each; 10 for \$7.00; 100 for \$50.00.

Cedrus Deodara

Cedrus Atlantica Glauca

Abies Cephalonica (Greek Fir)

Abies Homolepsis (Oriental Fir)

Abies Veichi (Japanese Fir)

Abies Concolor (Silver Fir)

Azaleas, select low types, Girard seedlings

Azaleas, Gumpo white

(Dwarf Japanese Azalea)

Buxus Sempervirens (Tree Box)

Buxus Suffruticosa (Dwarf tree box)

Buxus Rotundifolia (Round leaf box)

Buxus Spiral leaf (seedling form)

Chamaecyparis Obtusa

(Japanese Cypress)

Chamaecyparis Kerrioides

(Green Moss Cypress)

Cryptomeria Japonica

(Japanese Cryptomeria)

Fagus Sylvatica (European Beech)

Ginkgo Biloba (Maiden Hair Tree)

Ilex Crenata (Japanese Holly)

Kolrueteria Paniculata (Golden Rain)

Laburnum Anagyroides (Golden Chain)

Larix Decidua (European Larch)

Libocedrus Decurrens (Incense Cedar)

Picea Bicolor (Alcockiana)

Picea Jezoensis (Yeddo Spruce)

Picea Albertiana (Alberta Spruce)

Picea Pungens Glauca

(Colorado Blue Spruce)

Pinus Aristata (Bristlecone Pine)

Pinus Cembra (Swiss Stone Pine)

Pinus Densiflora (Japanese Red Pine)

Pinus Excelsa (Himalayan Pine)

Pinus Flexilis (Limber Pine)

Pinus Koraiensis (Korean Pine)

Pinus Mughus (Mugho Pine)

Pinus Parviflora (Jap White Pine)

Pinus Strobus (American White Pine)

Pinus Thunbergii (Japanese Black Pine)

Pseudolarix Amabilis (Golden Larch)

Sciadopities Verticillata

(Japanese Umbrella Pine)

Taxus Wardi (Ward's Yew)

Thuja Hetz's Midget

(Dwarf Globe Arborvitae)

Thuja Orientalis (Chinese Arborvitae)

Thuja Reingold (Reingold Arborvitae)

BONSAI TREES (Living Ming Tree)—Continued

GROUP II: The following group consists of some rare and unusual varieties well-established in authentic bonsai pots, many of them being grafted on 4-year seedling understock. Each plant is a beauty. Prices on the following, \$3.00 each; 3 for \$8.00; 10 for \$25.00.

Abies Cephalonica (Greek Fir)
 Abies Veichi (Veich Fir)
 Abies Concolor (Silver Fir)
 Acer Japonica (Japanese Maple)
 Acer Palmatum Atropurpurea
 (Japanese Red Maple)
 Acer Buergerianum (Trinerve Maple)
 Acer Koreaensis (Korean Maple)
 Chamaecyparis Obtusa Nana
 (Dwarf Hinoki)
 Chamaecyparis Obtusa Cyano Veridis
 (Blue Hinoki Cypress)
 Chamaecyparis Obtusa Coralliformis
 (Contorted Hinoki Cypress)
 Chamaecyparis Obtusa Pigmaea
 (Pigmy Cypress)
 Chamaecyparis Squarrosa Intermedia
 (Dwarf Moss Cypress)
 Chamaecyparis Pisifera Sulphurea
 Chamaecyparis Filifera Nana
 Cornus Florida Prosseri
 (Prosser's Red Dogwood)
 Cornus Florida Pendula
 Cottleaster Horizontalis
 (Rock Cottleaster)
 Cottleaster Adpressa
 Cryptomeria Japonica
 Cryptomeria Lobbi Nana
 Cryptomeria Lobbi Vilmoriana
 Cupressus Bakeri
 Ginkgo Biloba (Maiden Hair Tree)
 3 Stem
 Juniperus Sargentii (Sargent Juniper)
 Juniperus Procumbens
 (Chinese Creeping Juniper)
 Juniperus Burki (Burk Juniper)
 Juniperus Blaauw's Variety
 Juniperus Chandleri
 (Chandler's Juniper)
 Juniperus Japonica Aurea
 (Golden Japanese Juniper)
 Juniperus Dundee (Hill's Juniper)
 Picea Glauca Conica
 (Dwarf Alberta Spruce)
 Picea Jezoensis (Yeddo Spruce)
 Picea Koyamai (Shiras Spruce)
 Picea Densata Glauca (Alberta Spruce)
 Pinus Mughus (Mugho Pine)
 Pinus Parviflora (Japanese White Pine)
 Pinus Densiflora (Japanese Red Pine)
 Pinus Thunbergii (Japanese Black Pine)
 Pinus Excelsia (Himalayan Pine)
 Pinus Aristata (Hickory Pine)
 Pyracantha Wyatti (Firethorn)
 Rhododendron Blue Tit
 Rhododendron Morheim's Beauty
 Sequoia Gigentia (Giant Sequoia)
 Thuja Hetzi (Midget Arborvitae)
 Thuja Reingold (Reingold Arborvitae)
 Zelkovi Keaki (Keaki Elm)

GROUP III: Following is a list of 4 to 5 year old plants suitable for bonsai culture. These have been root-pruned several times and grown in authentic Bonsai pots. \$5.00 each; 3 for \$14.00.

x Acer Dissectum
 (Japanese Fernleaf Maple)
 Acer Pal. Atropurpurea
 (Japanese Red Maple)
 Acer Sieboldi (Siebold Maple)
 Chamaecyparis Lawsonia Forstikensis
 Chamaecyparis Lawsonia Casea
 Chamaecyparis Lawsonia Minima Glauca
 Chamaecyparis Lawsonia Pigmaea
 Chamaecyparis Obtusa Gracilis
 Chamaecyparis Obtusa Coralliformis
 Chamaecyparis Obtusa Aurensis
 x Chamaecyparis Obtusa Cyano Veridis
 Chamaecyparis Obtusa Pigmaea
 x Chamaecyparis Pisifera Filifera Nana
 x Chamaecyparis Pisifera Aurea Nana
 Cornus Florida Prosseri
 (Prosser's Red Dogwood)
 Cornus Florida Welchi
 (Variegated Leaf Dogwood)
 Cryptomeria Bandai Sugi
 Cryptomeria Jindae Sugi
 Cryptomeria Lobbi Nana
 Cryptomeria Vilmoriana
 x Fagus Sylvatica Rohani
 x Fagus Sylvatica Pendula
 Ginkgo Biloba, 3 stem
 x Ilex Crenata (Janances Holly)
 Juniper Blaauw's Variety
 Juniper Pfitzeriana
 Juniper Pfitzeriana Aurea
 Pinus Glauca Conica
 x Picea Densata Glauca
 Picea Jezoensis
 x Picea Pungens Glauca
 Pieris Japonica Variegata Nana
 Rhododendron Morheim's Beauty
 Rhododendron Blue Tit
 Rhododendron Xmas Cheer
 x Taxus Intermedia Form
 x Taxus Intermedia Columnar
 x Thuja Hetz's Midget
 x Thuja Reingold
 Tilia Platyphyllos Laciniata

Note: All varieties marked x can be supplied in 8 to 10 year old plants @ \$10.00 each, potted in 8 and 10 inch Bonsai pots.

AUTHENTIC BONSAI POTS

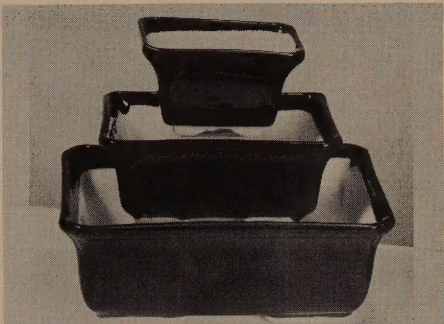
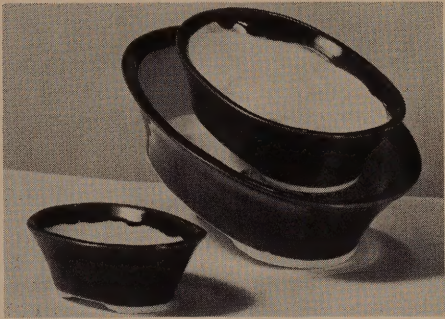
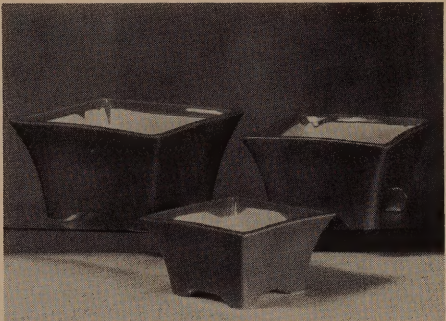
Manufactured by a well-known East Liverpool, Ohio pottery. We are offering several styles in either satin glaze or high gloss glaze. Colors available are Seafoam (light green), Forest Green (dark green), Terra (light earth color), Coffee (dark brown) and Dove (light grey). Please specify style, finish and color desired when ordering.

	Each	Doz.
#283-4" Round	\$.45	\$ 4.00
#283-6" Round	.75	6.50
#283-8" Round	1.10	10.00
Nested Set #283, 3 Pots	2.20	21.00
Add 10¢ per pot if high gloss glaze desired.		
#192-4" Square	\$.75	\$ 6.50
#192-5" Square	.90	8.00
#192-6" Square	1.10	10.00
Nested Set #192, 3 Pots	2.65	25.00
Add 10¢ per pot if high gloss glaze desired.		

#281-4" Oval	\$.45	\$ 4.00
#281-6" Oval	.75	7.00
#281-8" Oval	1.10	10.00
Nested Set #281, 3 Pots	2.20	21.00
Add 10¢ per pot if high gloss glaze desired.		
#282-4" Rectangular	\$.45	\$ 4.40
#282-6" Rectangular	.90	8.00
#282-8" Rectangular	1.45	13.50
Nested Set #282, 3 Pots	2.60	25.00
Add 10¢ per pot if high gloss glaze desired.		

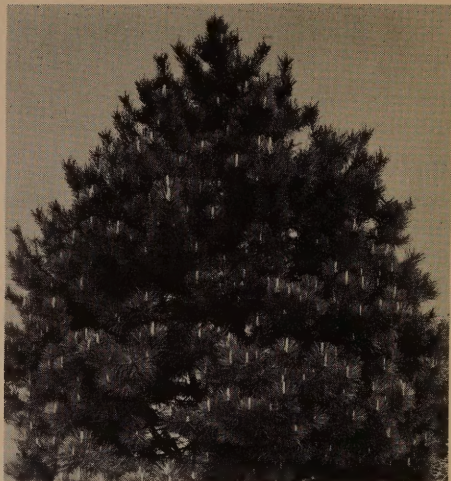
LARGE POTS

#285- 7" Round Bowl	\$1.50	\$14.00
#285- 9" Round Bowl	1.75	16.50
#285-10" Round Bowl	2.25	21.50
Nested Set #285, 3 Pots	5.40	53.00
#282-10" Rectangular	2.25	20.00
Add 20¢ per pot if high gloss glaze desired.		





WHITE PINE



AUSTRIAN PINE

THE PINE FAMILY (Pinus)

Pines are very popular everywhere. All pines are hardy. Many of the species are valuable for wood, fuel, reforestation, windbreaks, soil erosion prevention. Mugho is the main dwarf ornamental species.

Austrian (nigra)—Sturdy, upright tree of compact symmetrical growth. Ornamental and good Christmas tree.

White Pine (strobis)—Soft bluish-green needles. Fine timber species. Makes fine large lawn specimens.

American Red Pine (resinosa)—Deep green all year. A good Pine for timber and Christmas tree planting. Produces valuable wood for fuel. Grows fast.

Scotch Pine (sylvestris)—Stately upright tree. Needles green to blue-green in color, a good Christmas tree variety. Grows dense, can be sheared easily, grows well in poor soil, easily adapts itself to most any type of soil. Also valuable for windbreaks and timber purposes. Very hardy.

Himalayan Pine (Excelsa)—Broad, pyramidal habit, grayish-brown bark, long slender bluish-green needles up to eight inches long. A most unusual pine with its wide spreading branches and drooping needles. RARE — 2-year, 3 for \$1.50; 10 for \$3.00.

Weeping White Pine (Strobis Pendula)—Same as regular White Pine but with a weeping, contorted habit. Grafts, \$2.00 each; 3 for \$5.75.

Bristlecone Pine (Pinus aristata)—This conifer is the oldest known living thing. This tree lives to an unbelievable age of 5500 years, which outdates the oldest sequoia by 15 centuries. Will grow in temperatures of 50° below 0 to over 100° above. It holds its needles for 20 years which is more than three times as long as the average conifer. Needles are two inches long and completely clothe the branchlets.

3 to 6 in., 60¢ each; 3 for \$1.50.

MUGHO COMPACTA PINE PINUS MUGHO

Our Mugho Pine is grown from a selected strain of seed which produces the true, many stemmed, low branched, dwarf type. The color is a deep green, summer and winter. Mugho seldom grows over 4 to 5 feet tall even if never pruned, but spreads out. If sheared annually it can be kept as small as desired.

Seedlings—2 to 4 in., 25 for \$3.00; 100 for \$10.00; 500 for \$35.00.

Transplants—4 to 6 in., 10 for \$3.50; 100 for \$25.00.

PINE SEEDLINGS AND TRANSPLANTS

S—Indicates Seedlings

T—Indicates Transplants

Variety	Age	Size in Inches	25	100	1000
American Red Pine -----	2 yr., S	4- 6"	\$ 2.50	\$ 6.00	\$ 35.00
Austrian Pine -----	2 yr., S	4- 6"	2.50	6.00	30.00
Austrian Pine -----	4 yr., T	8-10"	5.00	16.00	120.00
Scotch Pine -----	2 yr., S	4- 8"	2.50	6.00	28.00
Scotch Pine -----	4 yr., T	8-12"	6.00	16.00	120.00
White Pine -----	2 yr., S	3- 5"	2.00	6.00	35.00
White Pine -----	4 yr., T	5-10"	4.50	16.00	120.00
Japanese Black Pine -----	2 yr., S	5- 8"	3.00	10.00	
Japanese Red Pine -----	2 yr., S	4- 8"	2.00	6.00	28.00

*500 at the 1000 rate.

ORDER FOR

GIRARD NURSERIES

Evergreens and Seeds
GENEVA, OHIO

Cash

Check _____

Money Order_____

DATE _____ 19____

[illegible]

Mr., Mrs. or Miss — Write Plainly

STREET OR RURAL NUMBER _____ BOX NO. _____

POST OFFICE _____ STATE _____

COUNTY _____ DATE WANTED _____

SHIP BY _____ EXPRESS OFFICE
NEAREST YOU _____

Mail, Express or Freight *No Orders Accepted for less than \$4.00*

Large orders are sent via Express collect, smaller orders via parcel post. We do not request our customers to add a percentage to their orders to cover cost of handling, but we do ask them to remit postage due when billed. When shipment is received check plants carefully and report any damage or delay to your agent at once, and also notify us.

[illegible]

If out of any variety, may we substitute another of similar growth? Please advise.

☐ YES ☐ NO

Over

Due to increased postal and overhead costs, we are asking all our customers to please submit postage due when billed. All large orders will be sent express, charges collect, unless other arrangements are made.

Quantity	Variety and Size	Dollars	Cents
	AMOUNT BROUGHT FORWARD		
IF OHIO, PLEASE ADD 3% SALES TAX		TOTAL	

WE WILL BE GLAD TO MAIL CATALOGS TO YOUR FRIENDS

NAME _____

ADDRESS _____

NAME _____

ADDRESS _____

NAME _____

ADDRESS _____

NO ORDERS ACCEPTED FOR LESS THAN \$4.00
THIS DOES NOT APPLY TO SEED ORDERS



WHITE SPRUCE
(Picea Glauca)



NORWAY SPRUCE
(Picea Abies)



MOERHEIM BLUE SPRUCE
(Picea Moerheimi)

SPRUCE (Picea)

Spruce evergreens are unsurpassed for their ornamental qualities. They are conical or pyramidal in shape and of great hardiness. Widely used for ornamental, forestry, wind-break and Christmas tree planting.

Black Hills Spruce (glauca densata) — Very compact, deep bluish-green foliage. Best Spruce for dry country planting; also the best Spruce for planting in yards, as it stays small for many years and is highly ornamental. A fine table Christmas tree.

Colorado Blue Spruce (pungens glauca) — One of the handsomest native trees growing in the Rocky Mountains. Use this tree for background and individual specimen planting. Trees grow quite slowly when young, but when six or seven years old, grow surprisingly fast. The fine blue color comes as the trees get older.

Norway Spruce (abies) — This tree has been more widely used for Christmas tree planting and for windbreaks than any other species. Norway seedlings will be limited in supply for some time.

White Spruce (glauca)—Makes a more dense Christmas tree than Norway and grows just as fast. Closely related to Black Hills Spruce. Fine also for windbreak and forestry planting.

Alcock Spruce (Picea Bicolor) — Broad pyramidal in habit with pale gray to gray-brown bark. Needles are blue-green underneath and green on top. One of the most beautiful spruces, native of Japan. 2 to 4 in. seedlings, 5 for \$1.00; 10 for \$1.80.

Picea Koyamai—Handsome narrow pyramidal tree to 100 ft. Native of Japan and Korea. Very rare.

Pot Plants—3 to 4 in., 60¢ each; 3 for \$1.50; 10 for \$4.50.

Yeddo Spruce (Picea Jezoensis Hondoensis)—Small pyramidal Japanese Spruce. Bark becomes deeply fissured on old trees. Needles are silvery-gray underneath and green on top.

4 yr. T., 3 for \$1.50; 10 for \$4.00.

Dwarf Alberta Spruce (picea glauca conica)—A dense pyramidal growing dwarf spruce. Probably the most popular of all the dwarf spruces.

6 to 10 in., \$1.50 each; 10 for \$12.50.

SPRUCE SEEDLINGS AND TRANSPLANTS

S—Indicates Seedlings

T—Indicates Transplants

Variety	Age	Size	25	100	1000
Black Hills Spruce -----	3 yr., S	3- 5"	\$2.50	\$ 6.00	\$ 30.00
Black Hills Spruce -----	4 yr., T	5- 8"	4.50	16.00	112.00
Colorado Blue Spruce -----	2 yr., S	2- 5"	2.50	6.00	40.00
Colorado Blue Spruce -----	4 yr., T	5- 7"	5.00	18.00	130.00
Colorado Blue Spruce -----	5 yr., T	extra heavy	7.00	25.00	
Norway Spruce -----	2 yr., S	4- 6"	2.50	6.00	40.00
Norway Spruce -----	4 yr., T	6-10"	4.50	16.00	125.00
White Spruce -----	3 yr., S	4- 8"	2.50	6.00	40.00
White Spruce -----	4 yr., T	6-10"	5.00	16.00	120.00
Black Spruce -----	2 yr., S	5- 7"	2.50	6.00	----

*500 at the 1000 rate.

EVERGREENS



MUGHO PINE (Pg. 8)

GREEK FIR (*Abies Cephalonica*)

Smooth, grayish-brown bark, small silvery-white bands beneath the needles and green on top. A handsome tree, distinct in its spreading, sharply pointed leaves.

5 yr. Transplants—3 to 7 in., 3 for \$1.50; 10 for \$4.00.

FIRS (*Abies*)

DOUGLAS FIR (*Pseudotsuga taxifolia*)

Unexcelled for all purposes, well adapted for trimming, suitable for Christmas trees, hedges or specimen plantings. Needles not heavy and coarse as most firs. Branches are graceful and quite uniform.

Seedlings—3 to 7 in., 25 for \$3.00; 100 for \$10.00; 500 for \$40.00; 1000 for \$60.00

Transplants—4 to 8 in., 10 for \$2.50; 25 for \$5.00; 100 for \$18.00.

Transplants—8 to 10 in., 10 for 3.50; 100 for \$28.00.

BALSAM FIR (*Abies balsamea*)

Rich, dark green needles, best for shade, Christmas tree and forestry planting. Can be sheared into fine specimens. Very hardy. Fine for hedges.

Seedlings—3 to 5 in., 25 for \$3.00; 100 for \$10.00; 500 for \$30.00; 1000 for \$55.00.

Transplants—5 to 8 in., 10 for \$2.50; 25 for \$5.00; 100 for \$18.00.

CONCOLOR FIR (*Abies concolor*)

A beautiful pyramidal upright growing tree. Colors vary from silver blue to green. Attractive for lawn specimen, windbreak or screen.

Seedlings—3 to 5 in., 10 for \$1.30; 100 for \$10.00.

3 Yr. Transplants—5 to 9 in., 10 for \$2.25; 100 for \$20.00.



DOUGLAS FIR



CONCOLOR FIR



BALSAM FIR

NO. F-6 COLLECTION

10 Douglas Fir, 6 to 10 in.	4 Yr. Transplants
10 Balsam Fir, 4 to 6 in.	
5 Concolor Fir, 5 to 8 in.	\$5.00



UPRIGHT YEW (*Taxus Capitata*)



SPREADING JAPANESE YEW
(*Taxus Cuspidata*)



INTERMEDIA YEW (*Taxus Intermedia*)



HICKS YEW
(*Taxus Hicksi*)

TAXUS - YEWS

Yews are strictly ornamental and have a wide range of uses. Best for shady spots. Foliage is rich and attractive. The coldest winters or the bitterest of winds never injure their foliage. Best subject for hedges. If not allowed to suffer from dry weather, development is rapid. Most varieties of Yews produce a quantity of red berries in late fall. Trees shear easily and can be trimmed in many forms without injury to plant. Yews are important in landscape purposes.

2 Yr. Transplanted Trees		Size in Inches	5	10	25	100
Taxus Browni—broad upright	-----	6-9"	\$2.50	\$4.50	\$10.00	\$36.00
Taxus Cuspidata—bushy low spreading	----	6-9"	2.25	4.00	9.00	32.00
Taxus Capitata—pyramid type	-----	6-9"	2.50	4.50	9.00	32.00
Taxus Hicksi—narrow upright	-----	6-9"	2.50	4.50	9.00	32.00
Taxus Andersoni—graceful spreading	----	6-9"	2.50	4.50	10.00	36.00
Taxus Intermedia—medium spreader	-----	5-8"	2.50	4.50	10.00	36.00
Taxus Wardi—low arching branches	-----	5-7"	2.50	4.50	10.00	-----
Taxus Densiformis—compact low grower	----	6-9"	3.00	5.00	11.25	-----
Taxus Hatfield—wide upright grower	----	6-8"	2.50	4.50	10.00	-----

Rooted cuttings of the above \$15.00 per 100. \$120.00 per 1000. Ready May 15.



PFITZER JUNIPER



ANDORRA JUNIPER

JUNIPER FAMILY

The Juniper family includes many fine ornamentals. The upright forms make beautiful specimens, and the lower growing varieties are used for ground covers and front row specimens. Junipers are mostly propagated from cuttings and some of the rare forms by grafting. These young trees will make fine specimens in a few years.

ANDORRA JUNIPER

(*Juniperus horizontalis plumosa*) — Low spreading habit summer foliage, silvery cast; after frost, purple.

Transplants—5 to 7 in., 10 for \$3.50; 25 for \$7.50; 6 to 10 in., 10 for \$5.00; 25 for \$11.00.

SPINY GREEK JUNIPER

(*Juniperus excelsa stricta*)—Grows very dense, symmetrical, especially adapted to urns, tubs, rock gardens. Dwarf, cone shaped, grayish-green foliage all year.

Transplants—6 to 10 in., 10 for \$5.00; 25 for \$11.50.

BLUE HETZI JUNIPER

(*Glauca hetzi*)—A silvery blue spreading Juniper which is a more vigorous grower than Pfitzer Juniper. Highly recommended for foundation plantings.

Transplants—5 to 8 in., 3 for \$1.25; 10 for \$3.50.

WAUKEEGAN JUNIPER

(*Juniperus horizontalis douglasii*) — A fast low creeping juniper used in accent and low foundation plantings.

Transplants—3 for \$1.60; 10 for \$5.00.

NARROW IRISH JUNIPER

(*Communis hibernica fastigata*)—A form very superior to the common Irish Juniper. Grows into a dense, narrow column. A healthy, vigorous grower. Very popular for accent planting.

Transplants—8 to 12 in., 10 for \$5.00; 25 for \$11.50; 100 for \$40.00.

PFITZER JUNIPER

(*Chinenses pfitzeriana*)—An ornamental, low-growing spreading tree. One that is extensively used by landscapers and gardeners. This variety has been used for many years and is still popular. Its shape makes it ideal for under windows in foundation plantings.

Transplants—6 to 10 in., 10 for \$5.00; 25 for \$12.25.

GOLDEN PFITZER

(*Chinenses pfitzeriana aurea*) — Medium grower similar in shape and growth to the ever popular Pfitzer Juniper. It possesses a bright golden color during spring and summer. Will color brightest in full sun. It is very effective in mixed plantings.

Transplants—5 to 7 in., 3 for \$1.50; 10 for \$4.50.

CHINESE JUNIPER

(*Juniperus Chinensis*)—Narrow pyramidal form. Color of foliage varies from green to blue-green to blue. Good subject for foundation plantings especially where taller evergreens are required. Does best in full sun.

3 yr. T., 8 to 12 in., 3 for \$1.25; 10 for \$3.50; 25 for \$8.00.

COMPACT BLUE PFITZER

(*Juniperus argentea compacta*)—This is a new compact form of Pfitzer Juniper. Its silvery color and low compact habit makes this tree one of the best for low foundation planting.

Transplants—2 yr., 6 to 8 in., 3 for \$1.80; 10 for \$5.50.

RED CEDAR

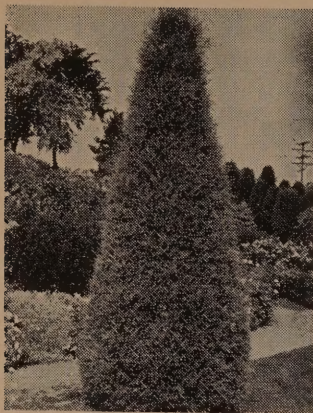
(*Juniperus virginiana*) — This is the mother plant from which numerous horticultural varieties have been developed. It grows to a tall pyramid with light green to blue foliage and has brilliant blue berries in the fall and winter.

Seedlings—4 to 6 in., 25 for \$3.00; 100 for \$10.00.

SAVIN JUNIPER

(*Sabina*)—Spreading vase shaped evergreen. Grows to height of 2½ to 3 feet, makes fine specimens, good subject for foundation planting, prefers full sun. Its color is a deep bluish-green. It is used in foundation planting under windows and in the low border in front of taller varieties.

Transplants—6 to 10 in., 5 for \$2.25; 10 for \$4.00.

**BURKI JUNIPER****RED CEDAR**
(*Juniper Virginiana*)**SPINY GREEK JUNIPER**
(*Excelsa Stricta*)

GRAFTED JUNIPERS

The following Junipers are grafted hybrid varieties, some are rare, bright colored distinctive specimens that are especially adapted for outstanding landscape effects. Stock was carefully selected for color and growth. These will grow as easily as the native varieties and the results are enough better to warrant the extra cost. We suggest that you stake them to maintain upright growth the first year.

BLUE COLUMNAR CHINESE JUNIPER

Juniperus Chinensis Columnaris—One of the best known of the horticultural varieties of the Chinese Junipers. Can be grown into a pyramid or narrow column shape. Attractive glaucous blue color.

Grafts—8 to 10 in., 85¢ each; 10 for \$7.50.

SILVER CEDAR

Juniperus Virginiana Glauca—This is a favorite with many customers. It is a shapely, pyramidal tree of moderate size. Outstanding silvery-blue. Brightest in early spring, darkening to a deep blue as season progresses. Trims well.

Grafts—8 to 10 in., 85¢ each; 10 for \$7.50.

CANAERT JUNIPER

Juniperus Virginiana Canaerti—This horticultural variety of Red Cedar has long been one of the leading favorites. It grows in a symmetrical pyramidal shape, well covered with heavy green foliage.

Grafts—8 to 10 in., 85¢ each; 10 for \$7.50.

BURK JUNIPER

Juniperus Virginiana Burki—A horticultural variety of the Red Cedar. The color is deep blue; the tree is more compact than *Glauca* and branches grow more upright.

Grafts—8 to 10 in., 85¢ each; 10 for \$7.50.

KETELEER JUNIPER

Juniperus Virginiana Keteleeri—This tree has a good rich green color, is a good grower, and has an abundance of blue berries. Grows upright and stately.

Grafts—8 to 10 in., 85¢ each; 10 for \$7.50.

GLOBE CANAERT JUNIPER

Juniperus Virginiana Globosa—A heavily foliated deep green variety whose foliage grows in distinctive tufts but maintains the shape of a dense compact globe. Can be trimmed, but will grow into a thick specimen without shearing.

Grafts—6 to 8 in., 90¢ each; 3 for \$2.70.

JUNIPERUS BLAAUW'S VARIETY

Juniperus Sinensis Blaauw's—A new upright vase-type introduced from Holland a few years ago. We have some of the original stock. This variety holds a good winter color; the more we see of it the more we like it. Provides many uses in landscape work.

Potted Grafts, 6 to 10 in., \$1.00 each; 3 for \$2.80; 10 for \$8.75.

BLUE PILLAR

Juniperus Scopulorum—A new slender upright form. One of our selections from many thousand seedlings; very dense grower. Color of foliage bright silvery blue that stands out from others in the field; good subject for foundation planting.

Potted Grafts, 6 to 10 in., \$1.00 each; 3 for \$2.80.

CHANDLER'S JUNIPER

Juniperus Chandleri—Grows similar to *Burki* but has a very brilliant blue color—a *Scopulorum* type of outstanding beauty.

Grafts—6 to 10 in., 90¢ each; 3 for \$2.60; 10 for \$8.00.

GOLDEN CANAERT JUNIPER

Juniperus Canaerti Elegantissima—Similar to *Canaert Juniper*, but its foliage has a brilliant golden color at the ends of each branch, giving the plant a beauty and brilliance that accents an evergreen planting.

Grafts—6 to 10 in., 90¢ each; 3 for \$2.60; 10 for \$8.00.

DUNDEE JUNIPER

Juniperus virginiana hilli—Choice upright columnar juniper. Attractive gray-green foliage in the summer turning a plum color in winter. A good compact upright grower.

Grafts—6 to 10 in., \$1.00 each; 3 for \$2.80.



CANADIAN HEMLOCK

CANADIAN HEMLOCK

(*Tsuga canadensis*)

"Most graceful of all evergreens"—long branches drooping gracefully to the ground. Needles are soft and delicate. Does well in full sun or half shade.

Seedlings—3 to 6 in., 10 for \$1.50; 25 for \$3.00; 100 for \$10.00.

Transplants—5 to 8 in., 10 for \$2.50; 25 for \$5.50; 100 for \$20.00.

SARGENT WEeping HEMLOCK

Tsuga canadensis pendula—A low growing weeping form of hemlock. Forming a dense hemispherical bush broader than high.

Grafts—6 to 12 in., \$1.50 each; 3 for \$4.20.

TRUE CEDARS

BLUE ATLAS CEDAR

(*Cedrus atlantica glauca*)—A large pyramidal tree with silvery blue foliage arranged in compact patterns.

Pot Plants—4 to 8 in., 80¢ each; 3 for \$2.25; 10 for \$6.50.

DOEODAR CEDAR

(*Cedrus deodara*)—A Himalayan native with drooping branches grown to a large pyramidal tree with green to bluish green foliage.

Pot Plants—4 to 8 in., 80¢ each; 3 for \$2.25; 10 for \$6.50.

10 to 15 in., \$1.25 each; 3 for \$3.00; 10 for \$9.00.

OREGON GRAPE HOLLY

(*Mahonia Aquifolia*)—Will grow in sun or shade, glossy heavy foliage takes on beautiful red tints in fall. Blooms in early spring bright yellow, grayish blue berries in fall.

Transplants—5 to 8 in., 65¢ each; 3 for \$1.80.

ARBORVITAE (Thuja)

AMERICAN ARBORVITAE

(*Thuja occidentalis*)—We grow only from seed, the Northern form from Canada. Grows in compact form, pyramidal in shape. Thrives on vigorous pruning, makes fine low hedges or taller windbreaks.

Seedlings—4 to 6 in., 25 for \$2.25.

Transplants—8 to 10 in., 10 for \$3.00; 25 for \$7.00.

HETZI WINTERGREEN ARBORVITAE

(*Thuja Occidentalis*)—One of the most rapid growing of the upright arborvitae. Very heavy, dark green foliage and narrow upright habit.

2 yr. T., 8 to 12 in., 3 for \$1.50; 10 for \$4.00.

GEORGE PEABODY ARBORVITAE

(*Thuja occidentalis lutea*) — A beautiful golden type, color very pronounced, makes a very good ornamental. This variety is always scarce.

Transplants—2 yrs., 4 to 8 in., 3 for \$1.50; 10 for \$4.50.

3 yr. T., 6 to 10 in., 3 for \$2.10.

PYRAMIDAL ARBORVITAE

(*Thuja occidentalis pyramidalis*)—Tall, slender form of American Arborvitae. Always prune trees while young to build the slender form.

Transplants—2 yrs., 6 to 10 in., 3 for \$1.60; 10 for \$4.50.

WOODWARD GLOBE ARBORVITAE

(*Thuja occidentalis woodwardi*) — Grows natural round like a ball and forms a bushy, natural globe shaped tree of very compact form and good color. The best globe shaped evergreen. Small trees show up well in window boxes.

Transplants—3 to 6 in., 10 for \$3.00; 25 for \$6.50.

Transplants—2 yr., 4 to 8 in., 3 for \$1.60; 10 for \$5.00; 25 for \$12.00.

DWARF GLOBE ARBORVITAE

Hetz's Midget—A very slow-growing arborvitae. A 10-year-old plant is only the size of a basketball. Ideal for planting and borders and pot culture. Makes a fine tree for Bonsai culture.

Transplants—3 to 4 in., 2 yr. old, 3 for \$1.50; 10 for \$4.50.

DWARF GOLDEN BERKMAN

(*Orientalis aurea nana*)—A slower growing form of the Oriental Arborvitae. Possesses a beautiful golden color. Suitable for foundation planting. These are all grown from cuttings assuring you uniform colors.

Transplants—5 to 7 in., 3 for \$1.80; 10 for \$5.50; 25 for \$12.50.

CHINESE GOLDEN LARCH

(*Pseudolarix Amabilis*)—Tree of broad pyramidal habit with light green feathery foliage, turning to bright golden color in late summer and fall. Will be grown by many soon as trees become better known.

Seedlings, 3 to 5 in., 3 for \$1.00; 10 for \$3.00.

EUROPEAN LARCH

(*Larix decidua*)—This tree is peculiar among evergreens in that its needle-like leaves are shed each year. The European Larch is a rapid growing pyramidal tree of wonderful beauty. In the spring the needles are soft light green, which turn golden yellow when they mature and drop off in the fall.

Seedlings—6-8 in., 10 - \$2.00; 100 - \$15.00.

Transplants—15-18 in., 5-\$2.50; 10-\$4.50.

JAPANESE LARCH

Larix Leptolepis—Similar to European Larch in growing habits. May grow more rapidly when young but may not grow as tall.

Seedlings—12-18 in., 3-\$1.00; 10-\$2.50.

CYPRESS**GOLDEN COMPACT CYPRESS**

Chamaecyparis Pisifera Sulphuriana Compacta—A beautiful light yellow colored cypress. Grows dense with little or no shearing, slow grower.

Transplants—4-7 in., 3-\$1.60; 10-\$5.00.

GOLDEN PLUME CYPRESS

Pisifera plumosa aurea—Same type of foliage as Green Plume, except it is a bright golden yellow. Unexcelled for low, dense hedges, individual specimens, or foundation planting in full sun.

Transplants—8 to 12 in., 3 for \$1.50; 10 for \$4.50; 25 for \$10.25.

LITTLE BLUE CYPRESS

Lawsoniana minima glauca—A beautiful true dwarf evergreen with dark, dense bluish green foliage that grows to a rounded pyramid. Very slow growing.

Transplants—6 to 8 in., \$2.00 each; 3 for \$5.75.

DWARF HINOKI CYPRESS

Obtusa nana—A very dense dwarf with heavy dark green foliage and a bluish tinge. Almost a perfect globe.

Transplants—6 to 8 in., grafts, \$2.00 each; 3 for \$5.75.

BLUE HINOKI CYPRESS

Chamaecyparis obtusa cyano viridis — Broad pyramidal tree, is blue to silvery blue in color closely resembling that of the Moerheim Blue Spruce. Can be used in either foundation or specimen plantings, rare.

Transplants—4 to 6 in., 90¢ each; 3 for \$2.50.

Transplants—6 to 10 in., \$1.50 each; 3 for \$4.20.

JAPANESE CRYPTOMERIA

Cryptomeria Japonica — The angular pointed foliage is arranged spirally around the stem; growing in tufted masses, it creates a distinctive and attractive effect. A Japanese member of the Pine family. Needs some protection.

Seedlings—5-8 in., 10 for \$3.00.

FALSE CEDAR

Incense Cedar (Libocedrus decurrens) — A shapely pyramid in form with fine fan-like foliage that is dense and a beautiful glossy green, the foliage delightfully fragrant. The bark is bright cinnamon red.

Transplants—4 to 6 in., 90¢ each; 3 for \$2.50.

FALSE CHINA FIR

Cunninghamia glauca—Handsome tree of broad pyramidal habit. Leaves are a glossy light green in summer changing to a light golden color in winter. Attracts much attention where it can be grown. Needs protection in our area.

Transplants—6-8 in., \$1.00 ea.; 3-\$2.80.

SEQUOIA

(*Sequoiadendron giganteum*) — A tree that grows to tremendous proportions. Grows to a height of 100 ft. or more. Needs protection when young in our area.

5 to 8 in., \$1.50 each; 3 for \$3.00.

NUTS**HARDY ENGLISH WALNUT**

Juglans Regia—A handsome hardy tree planted for its decorative value as well as for its nuts. Originated in Persia.

2 to 3 ft., \$1.00 each; 10 for \$9.00. 3 to 4 ft., \$1.50 each; 3 for \$4.00.

BLACK WALNUT

Does well in fertile, well-drained soil. Very hardy. Grows almost anywhere in the country. Produces annually large crop of nuts with rich, oily kernels of fine flavor. Excellent for lumber.

2 to 3 ft., 3 for \$1.50; 10 for \$4.50; 25 for \$10.00; 100 for \$38.00.

CHINESE CHESTNUT

A very good quality nut. One of the best substitutes for the native American Chestnut which can be grown in the blight areas.

15 to 18 in., 65¢ each; 3 for \$1.80. 2 to 3 ft., \$2.10 each; 3 for \$6.00.

DECIDUOUS TREES**FOR SHADE AND REFORESTATION**

Variety	10	25	100
Red Maple, 18-24" ----	\$2.50	\$5.50	\$20.00
Red Maple, 3-4' -----	6.00	13.50	50.00
Silver Maple, 18-24" --	2.50	5.50	20.00
Silver Maple, 3-4' ----	6.00	13.50	50.00
Sugar Maple, 18-24" ---	2.50	5.50	20.00
Sugar Maple, 3-4' ----	6.00	13.50	50.00
Chinese Elm, 18-24" --	2.00	3.50	15.00
Chinese Elm (branched, 2-3') -----	6.00	13.50	50.00
Red Oak, 10-15" -----	3.00	7.00	25.00
Tulip Tree, 2-3' -----	3.00	7.00	25.00
Ginkgo biloba, 4-6" ----	2.50	5.50	20.00
Ginkgo biloba, 6-8" ---	3.50	7.50	28.00
Norway Maple, 6-10" ---	2.00	4.50	16.00
Box Elder, 3-4' -----	4.00	8.50	30.00
White Dogwood, 12-18" --	3.00	6.75	20.00
Pin Oak, 18-24" -----	5.00	9.50	35.00
Red Bud, 18-24" -----	3.00	7.00	25.00
European Mt. Ash, 12-18" -----	3.00	7.00	25.00
European Beech, 4-8" -	3.00	7.00	25.00

FLOWERING SHRUBS—(Continued)

SPIREA

Spirea Billiardi — Tall, pink feathery flower heads on a spreading graceful shrub. 18 to 24 in., 75¢ each; 3 for \$2.10.

Prunifolia (Old-fashioned Bridal Wreath) — Flowers pure white and double. 15 to 18 in., branched, 60¢ ea.; 3—\$1.50.

Thunbergi—One of the first of all Spireas to bloom in early spring; small white flowers, feathery foliage. 15 to 18 in., branched, 60¢ ea.; 3—\$1.50.

Van Houttei—One of the most popular of all shrubs, with its beautiful arching branches loaded with clusters of snow-white flowers in April and May. 15 to 18 in., 60¢ each; 3 for \$1.50.

NEW DWARF SPIREAS

The following three varieties are new dwarf shrubs which are slow growing. Suitable for front row planting in the shrub border.

Callosa Alba Nanum — White flowering sort, with rich green foliage. Very compact. 15 to 18 in., \$1.25 each; 3 for \$3.10.

Burmalda A. Waterer Crispa — Crested foliage. Crimson red flowers. Dwarf growing. Plants—6 to 8 in., Bushy, \$1.00 each; 3 for \$2.70.

Caryopteris, Blue Mist—Grows into a 2 foot mound, covered from August till frost with deep blue flower panicles. Transplants—18 to 24 in., \$1.10 each; 3 for \$3.00.

WEIGELIA

Here is a nice selection of Weigelia, a very nice medium sized shrub. Blooms profusely in June. Good in mass plantings.

Boskoop Glory—A new rich salmon pink, large flowered on a full beautiful shrub. 15 to 18 in., 90¢ each; 3 for \$2.50.

Newport Red — A new variety. Better habits than most weigelia. Flowers are ruby red with white stamens. The foliage is a good green color that holds well until frost. Plants—18 to 24 in., Bushy, 90¢ each; 3 for \$2.50.

Variegated Rosea—Grows more compact than the above two varieties. Foliage beautifully variegated green with deep golden edging. Flowers are light pink. A good border shrub. 18 to 24 in., 90¢ each; 3 for \$2.50.

HONEYSUCKLE

Lonicera Zabali—Grows into a large upright bush. Flowers bloom from white to rose pink. Plants—18 to 24 in., 65¢ each; 3 for \$1.80.

HYDRANGEAS

Paniculata Grandiflora — Bush form. Can be trained to tree form. Flowers massive and white, turning to pink, bronze and green. Flowers hang on most all winter. Conspicuous and effective. 18 to 24 in., 90¢ each; 3 for \$2.40.

SWEET MOCK ORANGE

SWEET MOCK ORANGE (Philadelphus)

Coronarius—Vigorous single pure white; very fragrant; one of the first to bloom. 15 to 18 in., branched, 65¢ ea.; 3—\$1.80.

Virginalis—The most showy variety with double white flowers which are sweetly fragrant and have a long blooming season. Good foliage and compact upright growth. 18 to 24 in., 80¢ each; 3 for \$2.25.

Coronarius Aurea, Gold Mock Orange — Valuable for its golden colored leaves. Flowers white. Growth slower than Virginalis. Very much sought by landscapers. Very showy when planted with other shrubs. 6 to 12 in., 75¢ each; 3 for \$2.10.

12 to 15 in., \$1.00 each; 3 for \$2.70.

FORSYTHIAS

Beatrix Ferrand—A new excellent variety of good growing habit. Makes a tall, symmetrical bush. Flowers are deep golden yellow of immense size, up to 2 inches in diameter. 15 to 18 in., \$1.25 each; 3 for \$3.25.

Lynwood Gold—A splendid new Forsythia originated in Ireland. Growing habits are erect. All branches are liberally covered with beautiful golden yellow blooms in abundance. Withstands dry weather, works well in floral arrangements. Plants—1 yr. old., 65¢ each; 3 for \$1.80.

Transplants—2 yr., 18 to 24 in., 85¢ each; 10 for \$8.00.

DEUTZIA

Deutzia Gracilis — Profusion of white flowers in May. The most graceful of the Deutzias. Seldom grows over 3 feet high. You will like this one. Ideal for edging and borders. Plants—12 to 18 in., 85¢ ea.; 3—\$2.30.

VIBURNUMS

Carlesi—A sweet scented shrub with ball shaped pinkish flowers on 5 to 6 foot bush. Grafts—12 to 18 in., \$1.50 ea.; 3—\$4.00.

Opulus (High Bush Cranberry)—Dense green foliage, studded with large bunches of crimson berries which last well into the winter. Matures at 8 to 10 feet into a compact rounded mass. 12 to 18 in., 75¢ each; 3 for \$2.00.

Opulus Sterilis (Common Snowball) — Medium size shrub. Blooms in June with mass of pure white flowers which resemble snowballs. 15 to 18 in., 75¢ each; 3 for \$2.00.

Viburnum Theiferum—Tall upright growing habit. Flat clusters of white flowers in spring followed by large clusters of brilliant red berries in fall. 18 to 24 in. plants, \$1.50 each; 3 for \$3.75.

Tomentosum — An improved Japanese Snowball with a myriad of ball-shaped white flowers on bushes that grow to 6 feet high. Transplants—15 to 18 in., 85¢ each; 3 for \$2.25. 2 to 3 ft., bushy, \$1.00 each; 3 for \$2.75.

THE HOME NURSERY

It is always a wise gardener who will have a few rows of young trees and shrubs growing for future plantings. They know that this is the most reasonable method of keeping on hand some very fine specimens for later use. Do not wait until you need trees (large ones); save yourself from \$2.00 to \$5.00 a tree by growing them yourself. You can also get the pleasure of watching these trees grow.

It does not require much space to grow 100 or more trees and shrubs. Look over your grounds. Nearly everyone will find a 12 x 12 ft. space that can be used for this purpose. A home nursery is easily planned.

If you are planning to build a home within the next few years—plant now. If your present planting is getting too large and straggly—plant now, for replacements later.

GROW CHRISTMAS TREES FOR PROFIT

In many sections, one of the most profitable ways to utilize unoccupied ground is to establish a planting of cultivated Christmas trees. You can start by (1) growing trees from seed, (2) from seedlings, or (3) from transplants. The transplanted trees will advance your tree growths from 2 to 5 years. Cultivated trees command a better price than wild grown stock. There is a big demand in practically every city and town for nursery grown or cultivated Christmas trees. The trade is asking for them. Wild stock is brought in from such long distances that the trees shed needles before they are set up. In the last few years there has been a great demand for live balled and burlapped trees, as these trees can serve two purposes: (1) for decorating during the holiday season and (2) later used for decorating lawns. Selling of Christmas trees can begin when trees are 12 to 15 inches in height. If trees are cultivated the first two years, returns begin within two or three years after the planting is established. A spacing of 3 feet by 3 feet allows for 5,600 trees per acre. A planting of 4 feet by 4 feet allows 4,720 trees per acre.

The land should be plowed and prepared the same as for a field crop. Almost any soil of good texture will grow evergreens. Trees most suitable for this purpose are: Norway Spruce, White Spruce, Black Hills Spruce, Colorado Blue Spruce, Scotch Pine, Austrian Pine, American Red Pine, Balsam Fir and Douglas Fir.

SEEDLINGS are those grown from seed. This is done at a reasonable cost. Therefore prices of seedlings are lower. Most Pines, Firs, Spruce and Deciduous trees are propagated only by sowing seed. Seedlings can be bedded 4 by 4 inches and shaded the first year. They can be set out in field rows the following year.

CUTTINGS are tips of branches cut from the mother tree. They are usually 4 to 8 inches long, and are carefully placed in a mixture of sand and peat. Cuttings are started either outdoors in hotbeds or in greenhouse. In greenhouse, benches contain about 4 to 5 inches depth loam sand, heated with pipes of steam or hot water. It may take as long as 10 months for these cuttings to root.

Rooted cuttings may be planted in beds 4 by 4 inches and shaded for one year. Do not allow rooted cuttings to dry out.

GRAFTING—This is one of the most complicated and expensive methods. Grafting is done where it is impossible to sow the seed and hold true to its parent and not possible to root by cuttings. Potted grafts can be planted in permanent locations or field rows.

LAYERING—Many of the growing evergreens are easily rooted by this method. A branch is bent down, buried in the soil, leaving the tips of the branches out. In some cases it is necessary to take a small fork of a tree or a U bent wire to hold these branches in the ground.

TRANSPLANTS are trees which have been taken from seed beds and replanted in field rows or other beds. These can be planted into permanent locations.

B.B. . . . Indicates balled and burlapped.

The prices in this catalog cancel all former prices.

HYBRID AZELEAS

Azaleas are becoming more popular each year, and no planting should be without them. Most varieties listed have been grown by us for at least two years before being released to the trade. All newer varieties not proved satisfactory for our area have been dropped from our lists. Our temperatures in this area will occasionally drop to a minus 10 degrees. We have experienced lower temperatures, but not too often. The following azaleas are from a list of the very best azaleas known to be in commerce. Hardiness was favored in this selection.

MOLLIS AZALEAS

Mollis (Hybrid Seedlings) — Plants are from seeds, collected from named hybrid sorts. Colors vary from cream to scarlet. Transplants—3 to 5 in., 3 for \$1.00; 10 for \$2.50; 100 for \$20.00.

Director Moerland (Mollis Hybrid) — Large bright yellow flowers are borne in large numbers on sturdy upright plants. An outstanding variety, very hardy. Plants—B. and B., 15 to 18 in., \$3.50 each; 3 for \$9.50.

Queen Emma—A fine salmon tinted orange. Large flowers are borne freely on upright growing plants.

Mrs. Peter Koster—A tall upright brilliant reddish-orange single flower variety.

Dr. Oosthoek — Deep orange red, large flowers.

Dr. Hugo Hardizer — Bright red, large flowers.

Prices on above 4 varieties.
Grafts—12 to 15 in., B. and B., \$3.00 each; 3 for \$8.25.

KNAPHILL HYBRIDS

Newest development in Azaleas originated in England. Wide flat flowers with long slender tubes in extraordinary variation of colors of whites, pinks, reds, brilliant yellows and oranges with distinct throat markings.

Transplants—4 to 6 in., 85¢ each; 10 for \$7.00.

EXBURY STRAIN

Exbury Strain — A separate strain of Knaphill Azaleas in which color variations are similar to the originals.

Transplants—4 to 6 in., 85¢ each; 10 for \$7.00.

GIRARD'S SPECIAL AZALEA MIXTURE

In this group of Evergreen Azaleas will be found many varieties. Many of the seed bearing plants were hand pollinated, assuring you a large assortment of colors. Some very unusual azaleas are selected from this group. We are now growing over 150 varieties under number, selected from above seedlings. Most plants are hardy and grow compact.

Transplants—5 to 8 in., 3 for \$1.50; 10 for \$4.00; 100 for \$35.00; 500 for \$122.50.
Transplants—10 to 12 in., 3 for \$3.00; 10 for \$9.00; 100 for \$85.00.



EVERGREEN AZALEA SANDRA



KNAPHILL PINK FORMS



KNAPHILL AZALEA
(Copper and Yellow Shades)

KAEMPFERI HYBRIDS

These new hybrids have been achieved by crossing Kaempferi with Azalea Malvatica. Thus has been obtained some very hardy evergreen type azaleas with a long range of colors. Most of these have upright habits and are fast growers.

Fedora—Phlox Pink flowers. Very attractive. Outstanding variety of proven merit. Very hardy, large flowers and vigorous grower.

Transplants—5 to 7 in., 75¢ each; 3 for \$2.00; 10 for \$5.00.

Alladin — A bright scarlet with shiny green foliage. Compact grower. One mass of flowers completely covers the plant. A good one.

Transplants—5 to 7 in., 75¢ each; 3 for \$2.00; 10 for \$5.00.

Glow-Worm—Brilliant orange-red flowers on an upright plant with leaves of a dark glossy green. Very hardy.

Transplants—4 to 7 in., 85¢ each; 3 for \$2.40.

Fireball — Tall, upright growing habit. Many catalogs list this as red, but we find the color to be rose with an orange glow. Growing habits could be better.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.00.



EVERGREEN AZALEA LILYFLORA



GHENT HYBRID NORMA



GHENT HYBRID AIDA

KURUME AZALEAS

Hino Crimson—Same as Hinodegiri, but with crimson-red flowers, which do not fade. An excellent grower.

Transplants—4 to 7 in., 75¢ each; 3 for \$2.00; 10 for \$6.00.

Transplants—8 to 10 in., B. B., \$2.00 each; 3 for \$5.70.

Amoena—Early flowering rosy purple, flowers a hose in hose type. The foliage is a glossy deep green. A hardy dwarf variety.

Transplants—2 yr., 5 to 8 in., 80¢ each; 3 for \$2.25; 10 for \$6.00. 8 to 10 in., B. B., \$2.00 each.



AZALEA WILHELMINA VUYK

GIRARD AZALEAS

Orchid Lace—Growing habits very similar to White Ruffles. Color is a pleasing lavender turning to a white center. Hardiness tested to minus 15 degrees.

Transplants—4 to 7 in., 90¢ each; 3 for \$2.25.

Kathy—Girard's new white. Much larger flowers than Palestrina and a much purer white. A compact sturdy grower with very dark foliage. A variety we have developed ourselves and have found it quite hardy. We believe it will replace other white when stock is available.

Transplants—5 to 8 in., 90¢ each; 3 for \$2.50; 10 for \$7.50.

Rhododendron Fortunei—Grows to 10 to 12 ft. in height and of a wide spreading habit. Branches are stout and smooth. Leaves on mature plants are 2 to 3½ inches wide and 4 to 8 inches long. Flowers are usually bluish pink and white to a light purplish rose. Sometimes fragrant.

Transplants—2 yr., 6 to 10 in., \$1.00 each; 3 for \$2.75.

Christina Marie—A cross of Poukahensis X red seedling. Formation of florets similar to Poukahensis but a beautiful shade of medium pink. Holds foliage much better than Poukahensis.

Transplants—5 to 8 in., 3 for \$2.25.

NEW GHENT HYBRID AZALEAS

The Ghent azalea hybrids were originated in England in the 1830's and 1840's and constitute some of the most unusual colors, most distinctive type of growth and the most varied blooming season of all azaleas.

Fanny—Tall upright, late bloomer. Flowers are a bengal rose with a saffron yellow blotch.

Gloria Mundi—Flowers are Saturn red with an orange blotch. A tall upright grower.

Aida—A Rustica type. A tall upright grower. Flowers are double white, tinted pink. Large 1¾ inch flowers.

Coccinea Speciosa—Large Saturn red flowers with an orange blotch. Almost the same as Gloria Mundi.

Freya—Rustica strain of azalea. Large double salmon flowers, tinged yellow. A tall upright grower.

Norma—A Rustica type. Growing habits same as Ghent. Has large quantities of fragrant double flowers, red tinted lilac. An unusual type.

Plants—B. and B., 18 to 24 in., \$4.50 each.

Nancy Waterer—One of the best yellow flowering Ghents. Blooms are rich golden yellow, borne freely on sturdy upright plants.

Unless stated, all plants priced as follows:

Plants—B. and B., 12 to 15 in., \$3.25 each; 3 for \$9.00.

HARDY GHENT AZALEA SEEDLINGS

The Ghent azaleas have deciduous leaves, are upright, tall and bloom late. They possess an extremely wide range of colors running the gamut from light yellow to violet reds, also white, and frequently are flushed or shaded a second color. Some are fragrant.

Transplants—4 to 6 in., 50¢ each; 10 for \$4.50.

Transplants—15 to 18 in., B. and B., \$3.00 each.

Rhododendron Fortunei X Red Hybrid—This cross may produce some variation of bloom and color. It should produce many pink and rose shades. These crosses are usually interesting.

Transplants—6 to 10 in., \$1.00 each; 3 for \$2.70.

GABLE AZALEAS

We have been growing this strain of Azaleas for many years and found them good and hardy.

Boudoir—Large watermelon pink. Flowers freely. Attractive foliage. Vigorous in growth. Very hardy. You will like it.

Transplants—6 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$6.00.

Elizabeth Gable—This one attracts a lot of attention wherever shown. Height about 3 ft. Blooms double pink. Foliage deep glossy green. One of my favorites.

Transplants—6 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$6.00.

Herbert—Deep purple, flowers hose in hose type, large frilled and ruffled. A good grower. You will like this one.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$6.00.

Jessie Coover—Large deep pink double flower. Growing habits similar to Elizabeth Gable.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$6.00.

J-3-G—Hose in hose red upright growing form. Does well here along the lake region.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$6.00.

Maryann — Compact grower. Foliage glossy deep green. Flowers very double and light pink. One that has been grown for many years and has proven satisfactory.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$5.00. 6 to 10 in., \$1.00 each; 3 for \$2.85.

Mary Francis Hawkins—Pink hose in hose variety, rather medium tall grower.

Transplants—5 to 8 in., 80¢ each; 3 for \$2.00; 10 for \$6.00. 6 to 10 in., \$1.00 each; 3 for \$2.85.

Rosebud—Small double pink flowers like miniature rosebuds before opening. Has a good compact habit—very hardy and blooms late.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$6.00. 6 to 10 in., \$1.00 each; 3 for \$2.85.

Royalty — Double bright purple flower with growing habit similar to Herbert.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.25; 10 for \$6.50. 6 to 10 in., \$1.00 each; 3 for \$2.85.

Purple Splendor — Darker purple than Herbert. Grows into a broad compact bush. One of Gable's best purple.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$6.00. 6 to 10 in., \$1.00 each; 3 for \$2.85.

Gables H-12-G—Grows similar to Maryann, but flowers are orange-red instead of pink. We have grown this for the last two years. We are not familiar with its hardiness.

Transplants—5 to 7 in., 85¢ each; 3 for \$2.25; 10 for \$6.50. 6 to 9 in., \$1.00 each; 3 for \$2.75.

Stewartstonian—This is the new red mentioned in the March 20, 1954 issue of the Saturday Evening Post. Mr. Gable considers this red as one of his best.

Transplants—4 to 7 in., 90¢ each; 10 for \$8.00.

Campfire—Blood red hose in hose on an upright vigorous plant.

Transplant—3 to 6 in., 90¢ each; 3 for \$2.50.

SHERWOOD AZALEAS

Sherwood Orchid—A hybrid Hinodegiri with flowers of a clear lavender with speckled throat. Flowers are large and completely cover the plant. Good to plant in masses as they harmonize with other colors in gardens. This is a new Azalea introduced recently from the Pacific coast. Hardier than the Hinodegiri.

Transplants—5 to 7 in., 80¢ each; 3 for \$2.25; 10 for \$6.00.

Growing azaleas is one of our major operations. We are striving to grow hardier and better azaleas and have been cross-breeding many varieties and types. Many of the selected clones are being tried for ruggedness, hardiness and ability to hold color. Watch for our future azaleas.

DUTCH HYBRID AZALEAS

This includes new races of azaleas by Dutch hybridizers in Holland. They include the Vuyk and Fedlk strains of evergreen azaleas, which are as hardy as the Gable and Kaempferi varieties.

Little Beauty—The beauty of this azalea is unsurpassed. The flowers are double fringed and completely cover the plant. The color is a satin deep rose. Upright grower.

Transplants—8 to 10 in., \$1.25 each; 10 for \$11.00. 10 to 15 in., \$2.50 each; 3 for \$7.20.

Beethoven—Another import from Europe. Attractive lilac shade. Grows dense, upright and blooms freely. Very good.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$5.00.

Wilhelmina Vuyk — New from Europe. Large clear white blooms. When in bloom plants resemble a mound of snow. Compact rapid grower.

Transplants—5 to 8 in., 75¢ each; 3 for \$2.00; 10 for \$5.00. 12 to 18 in., B. and B., \$3.00 each; 3 for \$8.50.

Helena—Double sweet pea pink blooms on a compact plant. Good glossy foliage. Mid-season bloomer. A new introduction, very hardy.

Transplants—4 to 7 in., 80¢ each; 3 for \$2.25; 10 for \$7.00. 10 to 12 in., B. and B., \$2.00 each.

Blaauw's Pink — Large double salmon pink, 1¼" across. A good compact upright grower that blooms late. Very hardy. One of the best in color.

Transplants—4 to 7 in., 80¢ each; 3 for \$2.25; 10 for \$7.00.

Little Favorite—Beautiful glowing deep rose. Growing habits good. Compact, low grower, very hardy.

Transplants—80¢ each; 3 for \$2.40; 10 for \$7.00.

If you wish to start with larger plants and are not particular about color, try our mixed evergreen azaleas. We grow from 20 to 30 thousand seedlings per year and may select only 10 or 12 from this huge amount for propagating purposes and further trial. Others are sold as mixed evergreen seedlings. Many of these are from hand-crossed parentage and are as good if not better than many named varieties. We have several hundred nicely branched plants in 12 to 15 in. sizes at \$2.25 each, 10 for \$20.00. Try some—you will like them.

R. Mucronulatum Korean Azaleas—One of the earliest azaleas to bloom. Blooms the same time as forsythia. A light lavender to medium purple in color.

Transplants—3 to 6 in., 3 for \$1.50; 10 for \$4.00.

R. Yedoense Poukhanense — A compact low growing shrub. Produces a profusion of deep rosy lavender flowers, deep green glossy foliage. Ideal landscaping shrub. Very hardy.

Transplants—3 to 5 in., 3 for \$1.50; 10 for \$4.00.

R. (Azalea) Calendulaceum Flame Azalea—Light salmon to deep golden yellow. This one does best in part shade; needs acid soil, best obtained by peat humus or oak leaves.

Transplants—3 to 5 in., 55¢ each; 10 for \$5.00.



GUMPO AZALEA, WHITE

RHODODENDRON



BELLE HELLER



BLUE PETER



BOURSAULT

RHODODENDRON HYBRIDS

The Rhododendrons are acid loving plants. As in the case with most broad leaf evergreens the plant grows best in protected areas. Windswept locations should be avoided. Rhododendrons like well drained soil that is rich in organic matter. Neutral or sub-acid soil can be improved by use of Aluminum Sulphate. Acid peat, pine needles and oak leaves are all recommended as mulching material.

SELECTED RHODODENDRON HYBRIDS

This list contains some of the finest in the hybrids, selected for good color, sturdy growing habits and hardiness.

America—Brilliant clear red. Very floriferous. Grows into a broad bush form. One of the best in this color.

R. Catawbiense Alba — Buds pink then opens to pure white. One of the hardiest, a very vigorous grower.

Parson's Gloriosum—Tall growing large rosy lilac blooms.

8 to 10 in. only.

English Roseum — Light rose, vigorous upright grower, large foliage. Good growing habits.

Lee's Dark Purple—One of the finest deep purple in cultivation. Buds are very deep purple, opening to large trusses of medium purple. Grows into a broad compact bush, vigorous grower.

Chas. Bagley—Light magenta red. Large flowers and very good growing habits.

Roseum Elegans—Soft rosy pink. Compact bush with good foliage. Vigorous grower.

Caractacus—A solid red, compact grower. A hardy one.

Catawbiense Boursault—Buds are purple turning to a rosy lilac. Very vigorous, compact grower. Blooms mid-season.



NOVA ZEMBLA



AMERICA

Boule de Neige—Low compact white form, very hardy.

Transplants—8 to 12 in. only.

E. S. Rand—Crimson red compact grower. 8 to 12 in. size only.

Cunningham — Low growing white for foundation planting.

Prices on the above Varieties

Size 8 to 12 in., B. and B. Plants—\$2.50 each; 10 for \$22.50.

Size 12 to 15 in., B. and B. Plants— \$3.25 each; 10 for \$30.00.

DWARF RHODODENDRONS

Christmas Cheer—A new low compact form; seldom grows over 5 inches per year. Our five year plants are dense mounds 8 to 10 inches in height. The well-formed appleblossom pink blooms are the size of Cunningham's White. An ideal subject for growing into single specimen or for bordering larger plants.

2 yr., 4 to 6 in., \$2.50 each; 4 yr. T., 6 to 8 in., B. B., \$4.00 each.

Blue Tit — A dwarf compact small-leaved variety. Its sky-blue flowers are borne in clusters that open about the same time as Forsythia. An interesting plant that grows as wide as it does high. Approximate height at maturity 3½ to 4 feet.

2 yr. T., 3 to 6 in., \$1.50 each; 3 for \$4.25. 3 yr. T., 10 to 12 in., \$3.00 each; 3 for \$8.75.

Morheim's Beauty — Quite similar to Blue Tit, foliage darker and glossy. Although listed as a blue color, is more lavender than blue. Growth more erect than the above; a very good newcomer in this class.

2 yr. T., 4 to 6 in., \$1.50 each; 3 for \$4.25.

OUTSTANDING HYBRIDS

Blue Peter—Large ruffled lavender blue, with dark brown markings. 10 to 15 in.

Nova Zembla—Floriferous upright grower. Color resembles America. One of the best reds and extremely hardy. 10 to 15 in.

Cosmopolitan—Developed in Holland. A cross between Cunningham's White and Red hybrid. Growth very similar to Cunningham's White. Large trusses, deep rose with deeper throat markings. We bought all stock grower had; this is first time listed.

Prices on above Varieties

10 to 15 in., B. and B., \$3.75 each; 3 for \$9.50.

RHODODENDRON HYBRID SEEDLINGS

These are seedlings from named varieties and others. In selecting our seed we have obtained some very fine varieties from our crosses. These run in shades of white, pink, purple and reds. We do not guarantee the colors.

Transplants— 3 to 5 in., 3 for \$1.00; 10 for \$3.00; 100 for \$25.00.

Blue Peter x Purple Splendor—A cross made by Yours Truly. This is an interesting cross that should produce some good purples and blues; seed-bearing parent is Blue Peter.

Transplants, 4 to 6 in., 75¢ each; 3 for \$2.10.

Blue Peter x D.R.11G. — Another Blue Peter cross made by crossing with one of our deep purple seedlings from Purple Splendor. One of the darkest we have ever grown. Should produce some good colors.

Transplants, 4 to 6 in., 75¢ each; 3 for \$2.10.

Rhododendron Dexter Hybrid Seedlings—Seeds collected from the best of the hardy types. Colors will vary; white, lavender and pink.

Transplants—3 to 5 in., 75¢ each; 3 for \$1.80.



*An Invitation to Join
The American
Rhododendron Society*

WRITE GIRARD NURSERIES
FOR APPLICATION FOR
MEMBERSHIP

BROADLEAF EVERGREENS AND THEIR CULTURE

This group includes most deciduous azaleas, hollies, pieris, leucothoe, rhododendrons and evergreen azaleas. Along the East Coast, the Great Lakes region and the West Coast, most soils are ideal for growing ericaceous plants. In many parts of the country the soil is highly alkaline or high in lime content, and it is sometimes difficult to grow many of the broadleaf evergreens without treating the soils.

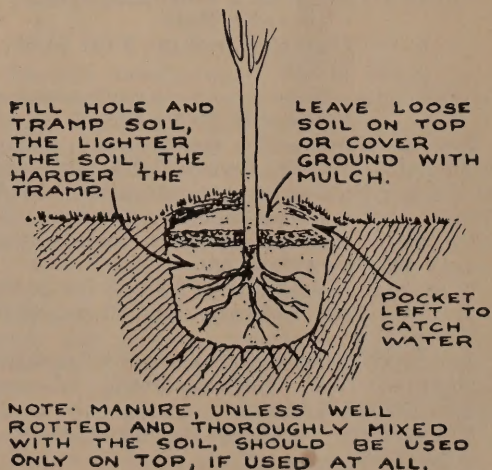
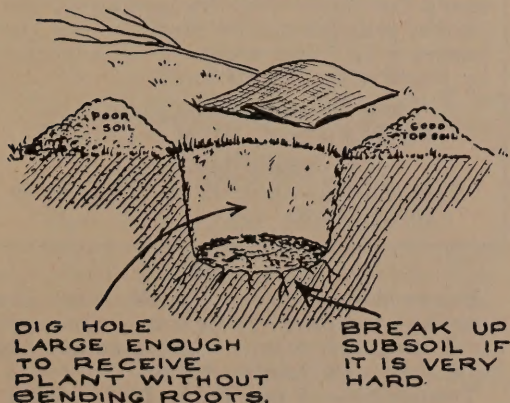
Most broadleaf evergreens require soil testing from 4.5 pH to 6 pH. If you live in an area where the soil measures above pH 6, add ground sulphur to increase the soil acidity. One pound per 100 square feet is recommended for this. Once a plant is established do not add more than one teaspoonful of sulphur per two-foot size plant per year. Although soil conditions in some areas are highly alkaline, we have had some encouraging reports from our customers in such areas as St. Louis, Missouri; Indianapolis, Indiana; Chicago, Illinois.

Broadleaf evergreens should never be planted too deep. Plants should be set in so that the peat ball or soil ball is covered lightly. A large quantity of peat moss, humus or leaf mold mixed with the soil will help keep the soil acid and help keep moisture around the root system. Avoid windswept areas and poorly drained areas.

Feeding can begin in Spring soon after frost is out of ground. Any one of the following plant foods is satisfactory; cottonseed or soybean meal—about $\frac{1}{4}$ cupful per plant; about $\frac{1}{2}$ cupful for larger specimen, or a commercial fertilizer especially prepared for acid-loving plants.



When to Plant—We believe azaleas and rhododendron, including pieris and leucothoe, have a longer planting season than most plants. These can be planted as soon as frost is out of the ground until about June 15th, and then from July 15th until ground freezes again. Soak root ball 5 to 10 minutes before planting. It is possible that plants may appear wilted upon arrival—this is not injurious; simply keep in shaded area for a few days, mist foliage often, and as soon as plants perk up place in desired planting area. It is best to plant smaller stock in beds for a year or two. Some shade will help keep the foliage from scorching and help retain moisture. In areas where winters are extremely cold it is best to cover plant with inverted bushel basket, burlap or pine boughs. A thick mulch of peat moss, ground peanut shells, ground corncobs or pine needles will help protect roots.



BROADLEAF EVERGREENS

HOLLY (Ilex)



ILEX CRENATA CONVEXA

(Japanese Holly)

AMERICAN HOLLY

Ilex opaca—Hollies have many uses. They can be grown as single specimens, for foundation plantings and hedge purposes. Its bright red berries among the deep green foliage are very attractive and appealing. They respond very well to shearing.

State number of males and females wanted.

Transplants—2 yr., 3 for \$3.00; 10 for \$9.00.

AMERICAN HOLLIES

The following varieties are selected Female American Hollies that each show a distinctive characteristic. A male is needed within 100 feet or less to pollinize them to assure berries on the females.

Old Heavy Berry	Cardinal
Bittersweet	Mae
Bountiful	Manig
Merry Christmas	Clark
Brilliantissima	Big Red

Above Named Female Hollies

2 yr. 3 in., Pot Plants—5 to 8 in., 3 for \$4.00; 10 for \$12.50.

SELECTED MALE POLLENIZERS

Girard's Male

4 in. Pot Plants—5 to 8 in., 3 for \$4.00; 10 for \$12.50.

ENGLISH HOLLIES

Ilex aquifolium—Its sharp, spiny, deeply cleft, lustrous green leaves and bright scarlet red berries make a very attractive shrub. With a little extra winter protection the little trees amply repay in outstanding beauty for the extra labor.

Transplants—2 yr., 6 to 8 in., 3 for \$4.00; 10 for \$12.50. 3 yr., 8 to 12 in., \$3.00 each.

Ilex aquifolium marginatum—A beautiful variegated form English Holly. Leaves green, bordered cream.

Transplants—8 to 10 in., \$2.00 each; 3 for \$5.50.

JAPANESE HOLLIES

Ilex crenata rotundifolia (Round Leaf Holly)—A dense, low growing shrub. Waxy deep green foliage. Fine for landscaping. Grows well in sun or shade.

Transplants—4 to 6 in., 3 for \$1.20; 10 for \$3.50; 6 to 10 in., 3 for \$1.80; 10 for \$5.50.

Ilex crenata convexa (Cup-Leafed Holly)—A slow growing evergreen with small, glossy, cup-shaped foliage. Useful where small shrubs are necessary. Can be sheared into dense globe.

Transplants—4 to 6 in., 3 for \$1.25; 10 for \$4.00.

Ilex crenata hetzi—This is a new form of Japanese Holly developed by the Hetz Nurseries. Grows into a compact bush. Foliage is similar to *Ilex Convexa* but much larger. Has dark blue-black berries.

Transplants—6 to 10 in., 3 for \$1.25; 10 for \$4.00.

Ilex glabra (Inkberry)—A low, rapid-growing evergreen with light green foliage, becomes covered with small blue-black berries in the Fall. Very hardy and will respond to shearing.

Transplants—4 to 8 in., 65¢ each; 3 for \$1.80.

CHINESE HOLLY

Ilex carnata burfordi—A beautiful fast growing holly, leaves a glossy very dark green, spineless, smooth edged. Berries are large bright red and very plentiful. This holly grows well in sandy or heavy soils. We have been growing this holly for the past three years and find it quite hardy in Northeastern Ohio.

Transplants—2 yr., 6 to 12 in., 3 for \$3.30; 10 for \$10.00.

BLUEBERRIES

Blueberry plants are very showy and attractive. The foliage is glossy green in spring, and blazing crimson in autumn. The plants like acid soil. Soil can easily be made acid by adding rotted leaves, peat humus, or sawdust. Set the bushes 5 to 7 feet apart. A bush grown by itself will not bear fruit.

WEYMOUTH, STANLEY, PEMBERTON, BURLINGTON VARIETIES

Transplants—12 to 15 in., 4 for \$4.50; 10 for \$10.00.

BOXWOOD

Buxus sempervirens—Aristocratic slow growing compact evergreen. Good for small hedgings, urns, porch boxes and edgings. Our own hardy strain.

Transplants—3 for \$1.25; 10 for \$3.50.

BROADLEAF EVERGREENS—(Continued)

Buxus Sempervirens Rotundifolia — A roundleaf type of English Boxwood. Good colored foliage, of very heavy texture, broad grower.

Transplants—3 for \$2.00; 10 for \$6.00.

Buxus microphylla koreana—One of the hardiest of all boxwoods. Foliage is deep green both summer and winter. Rather broad grower.

Transplants—85¢ each; 3 for \$2.00; 10 for \$6.00.

JAPANESE PIERIS

Pieris Japonica—Is a good grower and very handsome in form. The leaves are very delicately tinted when young. Does well in shade or sun.

Bedded Transplants—5 to 8 in., 45¢ each; 5 for \$2.00. 3 to 5 in., 3 for \$1.00; 10 for \$3.00.

PIERIS JAPONICA VARIEGATA NANA

More dwarf and compact than the above with distinctive creamy borders on each leaf.

Transplants—2 yr., \$1.25 each; 3 for \$2.50.

GIRARD'S RAINBOW LEUCOTHOE

Leucothoe catesbaei folia multicolor—A new colorful plant which takes on many colors during the growing period. Colors on foliage vary from yellow and pink to deep red and glossy green bordered copper and orange with colors varying from week to week. A good landscape subject that does well in sun or shade.

Transplants—2 yr., \$1.25 each; 3 for \$3.50.

DROOPING LEUCOTHOE

Leucothoe Catesbaei—A very ornamental broad leafed evergreen with large, glossy foliage. Foliage turns to beautiful shades of red and bronze in the fall and winter. It produces clusters of white flowers in the spring.

Transplants—3 yr., 5 to 10 in., 65¢ each; 3 for \$1.75.

MOUNTAIN LAUREL

Kalmia latifolia—Grows into a compact symmetrical shrub, covered with foliage. Leaves medium sized, glossy throughout the year. When in bloom the plants are literally bouquets of lovely cup-shaped flowers ranging from almost white to deep pink.

Transplants—6 to 10 in., 85¢ each; 3 for \$2.00; 10 for \$7.50. 8 to 12 in., \$1.00 ea.

COTTONEASTER**COTTONEASTER APICULATA**

Cranberry cotoneaster—One of the finest semi prostrate deciduous cotoneaster. Conspicuous brilliant red berries like cranberries make this graceful shrub very decorative during the winter months.

4 to 8 in., Once Transplanted, 90¢ each; 3 for \$2.50.

COTTONEASTER HORIZONTALIS

Rock cotoneaster—Well known and deservedly a great favorite. Low growing. The side branches fan out with a pleasing perfection of regularity. Leaves small, dark green. Bears masses of red berries in the fall that are carried well into the winter.

4 to 8 in., Once Transplanted, 90¢ each; 3 for \$2.50.

EUONYMUS**BIG LEAF WINTERCREEPER**

Fortunei vegetus—Bushy, with round dull green leaves. This plant is a beautiful sight in winter when it is covered with its bright orange scarlet fruit.

Transplants—5 to 7 in., 3 for \$1.00; 10 for \$3.00; 6 to 10 in., 3 for \$1.50; 10 for \$4.00.

EUONYMUS SARCOXI

A new type of upright euonymus. Excellent for small hedges and foundation plantings. Holds its color and foliage in the coldest weather. Hardy.

Transplants—4 to 6 in., 60¢ each; 3 for \$1.50.

DWARF WINGED EUONYMUS

Alatus compacta—One of the best decorative varieties known. Makes a dense compact bush. Its beautiful green leaves change to a brilliant red in the fall and early winter. Very hardy.

Transplants—6 to 10 in., 50¢ each; 10 for \$4.00.

MISCELLANEOUS**FRENCH PUSSY WILLOW**

Salix Caprea—Well branched plants bearing pink catkins in early spring before leaves come out — a very popular new pussy willow.

18 to 24 in., 50¢ each; 3 for \$1.25.

DAWN REDWOOD

Metasequoia Glyptostroboides—A relative of the California redwood. It grows rapidly into a stately pyramidal tree with fern-like foliage. Very hardy. Stock limited.

Transplants—6 to 9 in., \$2.00 each; 3 for \$5.75.

DOVE TREE

Davidia involucrata—This is one of the rarest and most unusual trees in cultivation today. Has large white flowers which bloom in May. Leaves are much like a mulberry leaf in shape. The flowers which are almost always in motion resemble white doves in flight. Needs protection in our area, needs no protection in milder areas.

2 to 3 ft., \$10.00 each; 3 for \$26.00.

HYDRANGEA

Blueboy—This beautiful variety is very hardy and produces masses of large, round clusters of flowers 8 to 10 inches in diameter. If soil conditions are right these plants will produce beautiful blue flowers. Grows into a bush form.

Plants—6 to 10 in., 90¢ each; 3 for \$2.50.

FIRE THORN

PYRACANTHA COCCINEA LALANDI

A thorny bushy ornamental plant noted for its clusters of bright orange red berries. The berries come in the fall and sometimes remain all winter. Growth is vigorous and attains a height of about 12 feet.

4 in., Pot Plants—\$1.00 each; 3 for \$2.50.

Pyracantha Wyatti—A newer addition to the Firethorn group. Good foliage, orange-colored berries, very showy. A dense spreading variety, proven to be hardy.

3 in. pot plants, \$1.00 each; 3 for \$2.50.

PYRACANTHA COCCINEA LALANDI "MONROVIA"

A new and improved Lalandi which berries very young; heavier, more numerous bright orange-red berries.

4 in. Pot Plants—\$1.00 each; 3 for \$2.50.

GOLDEN VICARY PRIVET

Yellow Privet — Hardy golden privet, growth habit rather broad upright. Fine for hedges or foundation planting. One of the most colorful privets.

Transplants—8 to 12 in., 10 for \$3.00; 100 for \$25.00.

RED BARBERRY

Berberis Thunbergii Atropurpurea — Bright deep red selected from many thousand seedlings. Can be used for hedges, corner planting or foundation plantings, very showy in planting with golden vicary privet.

Transplants—15 to 18 in., 4 yr., 10 for \$5.00; 25 for \$10.00; 100 for \$35.00.

Transplants—8 to 12 in., 3 yr., 10 for \$3.00; 100 for \$25.00.

GROUND COVERS

HEDERA BULGARIA

Bulgarian Ivy—A variety resembling the English Ivy, but said to be much hardier. Foliage colors well in the fall; a good evergreen Ivy suitable for ground cover or wall cover.

2½ in. Pot Plants, 10 for \$3.50.

BALTICA IVY

Hederous baltica — Hardy evergreen ivy much hardier than the English ivy foliage. Takes on a purple cast in late fall and winter.

2½ in. Pot Plants, 3 for 90¢ 10 for \$2.75.

JAPANESE PACHYSANDRA (Pachysandra Terminalis)

For ground cover or for green under trees. If you have a sandy bank, a terrace, places under trees where grass will not grow, a low border to fill in, plant Spurge. This is the ideal evergreen cover. Hardy everywhere in sun or shade.

Transplants—From Field Rows, 10 for \$2.00; 100 for \$18.00.

VINCA MINOR

(Periwinkle or Trailing Myrtle)

Hardy evergreen trailing herb. Makes a dense, attractive ground cover, and thrives with practically no care. Even does well on dry sand banks.

Strong 1 year old, field grown clumps, 8 to 15 runners—10 for \$1.80; 100 for \$16.00.

HYDRANGEA PETIOLARIS

(Climbing Hydrangea)

One of the finest and most artistic vines in existence and extremely rare. Flowers in large flaky white clusters. A good climber.

4 in. Pot Plants—\$1.25 each; 3 for \$3.00; 10 for \$9.00.

ORIENTAL MAGNOLIAS

There is nothing so gorgeous as the Oriental Magnolia when in full bloom in early spring. It is most highly esteemed in England, and it is gaining more popularity in the United States every year.

Soulangeana—Small tree with large 9-petal pinkish flowers before the leaves in the spring. One of the most beautiful flowering trees.

Plants—2 yr., 18 to 24 in., \$1.75 each; 3 for \$5.00.

Soulangeana nigra — Blooms later than Soulangeana and is darker in color.

Plants—2 yr., 18 to 24 in., \$1.75 each; 3 for \$5.00.

Alexandrina—Large dark purplish flowers. Pink on outside of petals and white on inside. Very showy and desirable.

Transplants—18 to 24 in., \$1.75 each; 3 for \$5.00.

Rustica Rubra — Large cup shaped dark reddish purple flowers. A vigorous grower and especially desirable where a tall spreading Magnolia is wanted.

Transplants—18 to 24 in., \$1.75 each; 3 for \$5.00.



MAGNOLIA SOULANGEANA

ORDER FOR

GIRARD NURSERIES

Evergreens and Seeds
GENEVA, OHIO

Cash _____

Check _____

Money Order

DATE _____ 19____

NAME _____

Mr., Mrs. or Miss — Write Plainly

STREET OR RURAL NUMBER _____ BOX NO. _____

POST OFFICE _____ STATE _____

COUNTY _____ DATE WANTED _____

SHIP BY _____ EXPRESS OFFICE
NEAREST YOU _____

Mail, Express or Freight ***No Orders Accepted for less than \$4.00***

Large orders are sent via Express collect, smaller orders via parcel post. We do not request our customers to add a percentage to their orders to cover cost of handling, but we do ask them to remit postage due when billed. When shipment is received check plants carefully and report any damage or delay to your agent at once, and also notify us.

Quantity	Variety and Size	Dollars	Cents
IF OHIO, PLEASE ADD 3% SALES TAX TOTAL			

If out of any variety, may we substitute another of similar growth? Please advise.

☐ YES ☐ NO

Over

Due to increased postal and overhead costs, we are asking all our customers to please submit postage due when billed. All large orders will be sent express, charges collect, unless other arrangements are made.

Quantity	Variety and Size	Dollars	Cents
	AMOUNT BROUGHT FORWARD		
IF OHIO, PLEASE ADD 3% SALES TAX		TOTAL	

WE WILL BE GLAD TO MAIL CATALOGS TO YOUR FRIENDS

NAME_____

ADDRESS_____

NAME_____

ADDRESS_____

NAME_____

ADDRESS_____

NO ORDERS ACCEPTED FOR LESS THAN \$4.00
THIS DOES NOT APPLY TO SEED ORDERS

ORNAMENTAL AND SHADE TREES

SIMONI POPLAR

Populus simoni fastigiata — A newer, hardier, longer-lived type of upright poplar. Dark green, glossy, pear-shaped leaves, pyramidal in habit. The finest poplar for screen hedge and windbreak.

3 to 4 ft., 90¢ each; 10 for \$7.00.

4 to 6 ft., \$1.50 each; 10 for \$13.00.

LOMBARDY POPLAR

Slim, formal, quick growing columns that branch to the ground. Fine for screens and backgrounds.

Transplants—3 ft., 3 for \$1.25; 10 for \$3.75.

WILLOW

Salamon's Weeping — We consider this variety the best of the weeping willows. It is of rapid growth and makes height quickly.

3 to 4 ft., 75¢ each; 3 for \$2.10.

5 to 6 ft., \$1.50 each; 3 for \$3.50.

CORK SCREW WILLOW

Salix Matsudana Tortuosa — Unusual twisted and contorted branches, very unusual. Grows into a beautiful pyramidal-shaped tree. Rather fast growing.

Transplants—3 to 4 ft., \$1.00 each; 10 for \$7.00. 4 to 6 ft., \$1.50 each, 3 for \$4.00.

GOLDEN RAIN TREE

Koelreuteria paniculata — One of the best street trees where a low tree is desired. Bears beautiful tall panicles of minute yellow flowers in July. Withstands drought and poor soil and transplants well with good response.

8 to 12 in., 3 for \$1.50; 10 for \$4.50; 25 for \$10.50.

2 to 3 ft., \$1.75 each; 3 for \$5.00.

NARROW UPRIGHT SYCAMORE MAPLE

Acer Pseudoplatanus Erectum — A new columnar form which grows like the Lombardy poplar. An excellent tree for narrow streets, screens or accent planting. Will do best in dry locations.

Transplants—5 to 6 ft., \$5.00 each; 3 for \$14.50.

GOLD LEAF SYCAMORE MAPLE

Acer Pseudoplatanus Worleei — Golden leaves in spring. Is very attractive; later turns to a pale green. A good lawn and street tree.

Transplants—5 to 6 ft., \$6.00 each; 3 for \$17.50.

PURPLE LEAVED MAPLE

Acer Pseudoplatanus Purpureum — A good symmetrical shade tree which grows to 60 feet with leaves of varying shades of purplish-red to green underneath.

18 to 24 in., 3 for \$1.50; 10 for \$4.50. 3 to 4 ft., \$1.10 each; 3 for \$3.00.

RED JAPANESE MAPLE

Acer Palmatum Atropurpurea — Beautiful deep red foliage, holds its color well all season. One of the best of the maples. Makes a handsome specimen on lawns.

Plants—4 to 8 in., 90¢ each; 3 for \$2.50.

8 to 10 in., \$1.10 each; 3 for \$3.00.

MAIDENHAIR TREE

Ginkgo Biloba — One of the finest of shade trees. Another striking advantage, the tree is absolutely disease free, hardy and fast growing. It is immune to all kinds of bugs and scales. It is also known as the living fossil.

Seedlings—4 to 6 in., 5 for \$1.50; 25 for \$7.00. 6 to 10 in., 3 for \$1.30; 10 for \$3.50.

Transplants—18 to 24 in., \$1.50 each; 3 for \$4.70. 2 to 3 feet, \$2.00 each.

GINKGO BILOBA COLUMNAR

Fastigiata Ginkgo Biloba — Narrow upright growing tree. Foliage similar to the Maidenhair tree. Very rare and unusual.

Grafts—6 to 10 in., \$2.00 each; 5 for \$9.75.

GINKGO BILOBA PENDULA

Weeping Maidenhair — A very rare and unusual tree. Grows just as broad as it does in height. Our original stock was imported from Germany. Said to be a male form. Only one to a customer this season.

Grafts—8 to 12 in., \$2.50 each.

SUNBURST LOCUST (Plant Pat. No. 1313)

The first new color in hardy ornamental shade tree in decades. Bright golden foliage on 8 to 10 inches of branch tips, contrasts with the rich green of the balance of the tree; appears to be in bloom all summer. Its broad pyramidal head and excellent branching habit and being seedless and thornless, makes this tree one of the most beautiful locusts.

4 to 5 ft. whips, \$4.50 each; 3 for \$12.25.

MORaine LOCUST (Plant Pat. No. 836)

We bring another fine shade tree, the Moraine Locust. A much improved variety of the Honey Locust, has a round head when young, but tall and vase shaped when older, attaining a height of 80 feet. A tidy stately specimen. A fast growing, disease resistant shade tree that will be enjoyed wherever planted.

4 to 5 ft. whips, \$4.50 each; 3 for \$13.00.

EMPEROR'S LINDEN

Tilia Vulgaris Pallida — A broad pyramidal tree with medium sized glossy, bright green leaves. Stems are smooth bronzy red, new.

Grafts—5 to 6 ft. \$5.00 each; 3 for \$14.50.

3 to 4 ft., \$3.50 each; 3 for \$10.00.

ORNAMENTAL AND SHADE TREES—(Continued)

CRIMEAN LINDEN

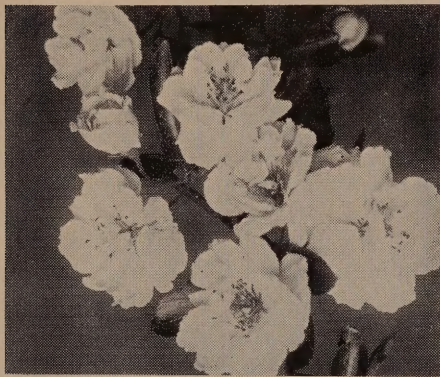
Tilia Euchlora—One of the handsomest lindens with smooth glossy green leaves and an excellent habit of growth. A valuable avenue tree.

Branched—6 to 7 ft., \$6.00 each; 3 for \$16.50. 3 to 4 ft., \$3.50 each; 3 for \$10.00.

UPRIGHT CUT LEAF LINDEN

Tilia Platyphyllos Fastigata Lacinata—A narrow upright growing Linden. Glossy medium green foliage. Good lawn and street tree. Very rare at present, but will be used in large numbers when stock becomes more plentiful.

Grafts—(Spring Only) 12 to 18 in., \$1.75 each; 3 for \$5.00.



FLOWERING CRAB

PURPLE-LEAF PLUM (Prunes, Newport)

A very handsome, small tree for the lawn, with purple foliage which makes excellent contrast during the summer. The blush pink flowers are borne in great profusion all through the spring. Maximum height, about 10 feet.

3 to 4 ft. trees, \$2.00 each; 3 for \$5.50.

EUROPEAN MOUNTAIN ASH

Sorbus Aucuparia—A stately, upright growing tree, also ornamental. Bears quantities of large clusters of red berries which are very attractive and cling till early winter months. Berries are frequently used for floral designs.

12 to 18 in., 3 for \$1.30; 10 for \$4.00. 4 to 5 ft., \$2.00 each; 3 for \$5.70.

DOUBLE FLOWERING PEACHES

These beautiful, double Flowering Peaches bloom in May, with every branch alive with brilliant beautifully formed double flowers.

Double Flowering White—Large petals, fully double.

Double Flowering Pink—Blooms fully double, of clear, pure pink. A beautiful sight in spring.

Double Flowering Red—Blooms early, good bright red. The most colorful Flowering Peach.

3 to 4 ft., \$1.50 each; 3 for \$4.25.

NEW SORBUS HYBRIDS

Mountain Ash—Lombarts Hybrids. We are pleased to offer for the first time, *Sorbus* developed in Holland by a well-known grower. This group has been offered to the trade after many years of hybridizing and selecting. These Mountain Ash hybrids attract much attention in the Fall, when clothed with masses of beautifully colored berries, colors ranging from pink-tinted white to the most glowing scarlet. Can supply the following varieties, 5 to 6 ft., @ \$5.00 each; **Apricot Queen**, apricot colored berries; **Kirsten Pink**, dark rose berries, compact grower; **Red Copper Glow**, glowing red berries; **Upright Yellow**, golden yellow to orange; **White Wax**, white berries early in season.

BOX ELDER

Acer negundo—One of the hardiest maples and drought resistant. Often planted in the Northwest for shelter-belts. Leaves are a bright green above and a lighter green below.

2 to 3 ft., 3 for \$1.50; 10 for \$4.50. 4 to 5 ft., \$1.10 each; 3 for \$3.00.

SOPHORA JAPONICA

Pagoda tree—A small to medium sized tree with spreading branches forming a nice round head. Has panicles of white to creamy white flowers in the fall.

12 to 15 in., 3 for \$1.50; 10 for \$4.00.

FLOWERING ASH

Fraxinus ornus—Round headed tree, bark smooth, gray, leaves serrate type, flowers white and fragrant in thick panicles. Very attractive when in bloom, ideal for shade. Grows to height of 60 to 70 feet.

15 to 18 in., 3 for \$1.50; 10 for \$4.00. 18 to 24 in., \$1.00 each; 3 for \$2.75.

JAP KEAKI ELM

Zelkova serrata, 60 Feet—Long neglected, this tree deserves recognition for its graceful vase-like form and resistance to Dutch Elm disease. Foliage small, elm-like, dark green, turns deep russet in fall.

2 yr., 8 to 12 in., 3 for \$1.50; 10 for \$4.50.

SILK TREE (Mimosa)

Albizia julibrissin—Not a new tree in the south but becoming more popular each year in the northern gardens. Silky pink flowers are quite attractive, blooms over a long period through mid-summer. Foliage has a tropical effect. Height 20 to 25 feet.

18 to 24 in., 5 for \$3.50; 10 for \$6.00.

AMUR CORK TREE

Phellodendron amurense—Broad spreading branches, bark light gray, corky, deeply fissured. Matured branches orange yellow or yellowish gray, leaves lustrous deep green. Grows to height of 50 feet.

Seedlings—18 to 24 in., 3 for \$2.00; 10 for \$6.00.

ORNAMENTAL AND SHADE TREES

WITCH HAZEL (*Hamamelis virginiana*)

Called Winterbloom because of their blooming from October to April, while twigs are bare. Yellow ribbon-like flowers; does well in shady places.

18 to 24 in., 60¢ each; 10 for \$5.00.

CHINESE WITCH HAZEL

Hamamelis mollis-var "Superba" — A beautiful large compact form of Chinese witch hazel. Has extra large golden flowers which can easily be forced during the winter months. Developed by the Rochester, N.Y. Park System.

12 to 15 in., \$1.75 each; 3 for \$5.00.

Mollis Brevipetala—Large orange-yellow flowers in January and February, borne on vigorous fast-growing plants. Large foliage.

New Variety—12 to 18 in., T., \$1.75 each; 3 for \$4.95.

VARIEGATED LEAF NORWAY MAPLE

Acer Plantanoid Drummondii — Growth very similar to Norway Maple but green leaves bordered with a wide cream-white band. Very attractive; a good companion for Crimson King Maple.

Transplants—5 to 6 ft., \$6.00 each; 3 for \$17.50.

CRIMSON KING MAPLE

(Plant Pat. No. 735)

One of the finest creations in many years. This tree was sent to America from Europe about 10 years ago, and created a sensation wherever seen. It is suitable for shade and street planting.

6 to 7 ft., branched at \$6.00 each; 3 for \$16.50. 5 ft., branched at \$4.50 each; 3 for \$13.00.

GOLDEN CHAIN TREE

Laburnum Vossii—Named for the long drooping clusters or chains of golden pea-like flowers—12 to 18 inches long. Blooms profusely in late spring. All our trees are well branched and budded. Will bloom the first season. Needs some protection in far north.

Branched—5 to 6 ft., \$5.00 each; 3 for \$14.00.

CORK SCREW WILLOW

Salix Matsudana Tortuosa — Unusual twisted and contorted branches, very unusual. Grows into a beautiful pyramidal-shaped tree. Rather fast growing.

Transplants—3 to 4 ft., \$1.00 each; 10 for \$7.00. 4 to 6 ft., \$1.50 each, 3 for \$4.00.

PYRAMIDAL EUROPEAN HORNBEAM

Carpinus Betulus Fastigiata — An outstanding tree that will become very popular when better known. Grows into a neat, compact pyramidal form. Each tree looks as if it has been hand sheared. Excellent subject for screens, hedges and street trees.

Transplants—3 to 4 ft., \$4.50 each; 3 for \$13.00.

FLOWERING HAWTHORNS

PAUL'S SCARLET

Crataegus oxyacantha Pauli — English Hawthorn; this is the showiest and most popular variety. A good ornamental tree for lawn planting. Clusters of scarlet flowers, resemble small roses.

Whips—5 to 6 ft., \$3.00 each; 3 for \$8.75.

TOBI HAWTHORN

Crataegus Tobi—A new type Hawthorn developed by the Department of Agriculture, Manitoba, Canada. Flowers of delicate silvery pink, grow in clusters. Fruit bright scarlet.

5 to 6 ft., well branched, \$4.50 each; 3 for \$12.00.

RARE BEECH TREES

FAGUS

Sylvatica zlatia—A beautiful pyramidal golden-leaved beech. Very rare.

Grafts—2 to 3 ft., \$7.00 each; 3 for \$18.00.

Sylvatica asplenifolia — This very slow, compact growing beech with fern-like leaves make it a rare novelty.

Grafts—18 to 24 in., \$5.00 each; 3 for \$14.00.

Sylvatica fastigiata—A very narrow, tall, slender, columnar form of beech with bright green leaves—very unusual.

Grafts—18 to 24 in., \$5.00 each; 3 for \$14.00.

Sylvatica purpurea pendula — Red-leaved weeping beech. Leaves like *Riversi* on a weeping tree.

Grafts—18 to 24 in., \$5.00 each; 3 for \$14.00.

Sylvatica Rivers Purple—Grows into a broad dense tree. Leaves are shiny deep purple. Highly recommended as a shade tree.

Grafts—3 to 4 ft., \$6.00 each; 3 for \$17.50.

Sylvatica Tricolor — Similar to *Rivers Purple* Beech, but color of foliage is rose bordered deep purple, very attractive.

Grafts—4 yr., 18 to 24 in., \$5.00 each; 3 for \$14.00.

Sylvatica Rohani—Deep purple, fern like leaves. A new addition to the family, an unusual novelty.

Grafts—18 to 24 in., \$6.00 each; 3 for \$17.50.

Sylvatica Spaethiana—Large glistening purple leaves, holds color well all summer. One of the darkest of the purple beeches.

Grafts—2 to 3 ft., \$6.50 each; 3 for \$18.00. 4 to 5 ft. well branched balled and burlapped, \$8.00 each.

Fagus Engleriana (Chinese Beech)—Medium size dense pyramidal form. A beautiful tree. Good subject for shade or street tree. Light grey bark. A fine contrast with its round deep green foliage.

2 to 3 ft., \$5.00 each.



Young plants growing in Lath House



Section of our propagating beds



The Laburnum Vossi Golden Chain Tree



Sorbus Aria Lutescens



Firs add much to the landscape



Hydrangea Paniculata



\$1.00 SPECIALS

You have made such fine uses of our specials in the past that we are listing them again. This collection includes some very fine evergreens. Each collection is a bargain. Your choice—Any 10 collections for \$9.00. You may order as many of one collection as you wish. Besides saving \$4.00 on 40 collections, we will give 5 Colorado Blue Spruce transplants and 5 Himalayan Pine if all 40 collections are ordered. 40 collections \$36.00.

4 American Arborvitae, T	height, 6-10 inches	\$1.00
3 Pyramidal Arborvitae, T	height, 6-8 inches	1.00
3 Hetzi Wintergreen Arborvitae, T	height, 6-10 inches	1.00
3 Globe Arborvitae, T	height, 5-7 inches	1.00
5 Colorado Blue Spruce, T	height, 4-7 inches	1.00
5 Black Hills Spruce, T	height, 5-8 inches	1.00
5 White Spruce, T	height, 6-10 inches	1.00
5 Norway Spruce, T	height, 6-10 inches	1.00
5 Mugho Pine, T	height, 4-6 inches	1.00
5 Scotch Pine, T	height, 8-12 inches	1.00
5 Austrian Pine, T	height, 8-12 inches	1.00
5 Colorado Silver Fir, T	height, 4-7 inches	1.00
5 Balsam Fir, T	height, 4-7 inches	1.00
5 Douglas Fir, T	height, 4-7 inches	1.00
3 Hetz Juniper, T	height, 5-8 inches	1.00
3 Pfitzer Juniper, T	height, 5-8 inches	1.00
2 Spiny Greek Juniper, T	height, 6-8 inches	1.00
3 Irish Juniper, T	height, 8-10 inches	1.00
3 Andorra Juniper, T	height, 5-8 inches	1.00
3 Taxus Browni	height, 4-7 inches	1.00
3 Taxus Intermedia, T	height, 5-7 inches	1.00
3 Taxus Capitata (Upright), T	height, 5-7 inches	1.00
3 Taxus Hicksi, T	height, 5-7 inches	1.00
3 Taxus Cuspidata (Spreading), T	height, 5-7 inches	1.00
3 Ilex Convexa, T	height, 5-7 inches	1.00
3 Rhododendron Hybrid, T	height, 3-4 inches	1.00
2 Azalea Exbury	height, 3-5 inches	1.00
3 Azalea Mollis, T	height, 3-5 inches	1.00
3 Azalea Kaempferi, T	height, 3-5 inches	1.00
3 Boxwood, T	height, 3-5 inches	1.00
3 Pieris Japonica, T	height, 3-5 inches	1.00
2 Hydrangea Blueboy	height, 4-7 inches	1.00
2 Euonymus Alatus Compacta, T	height, 5-8 inches	1.00
3 Leucothoe, T	height, 3-5 inches	1.00
4 European Larch, S	height, 8-10 inches	1.00
10 Scots Pine, S	height, 5-7 inches	1.00
10 Austrian Pine, S	height, 4-7 inches	1.00
10 Norway Spruce, S	height, 4-6 inches	1.00
4 Canadian Hemlock, T	height, 5-8 inches	1.00
5 Ginkgo Biloba, S	height, 3-5 inches	1.00

S—Indicates Seedlings

T—Indicates Transplants

No orders accepted for less than \$4.00.

BARGAIN SECTION

Spring 1962 Special collections.

These specials are based on 15% to 20% savings. All stock guaranteed for one growing season.

☐ RHODODENDRON SPECIAL — RS-1

30 Rhododendrons -----\$18.50

- 5 Dexter T
- 5 Fortuni T
- 10 Mixed Hybrids T
- 5 Carolinian T
- 1 English Roseum 8-10"
- 1 Borsault 8-10"
- 1 Cunningham White 8-10"
- 1 Nova Zembla 8-10"
- 1 Lee's Dark Purple 8-10"

☐ AZALEA SPECIAL — AE-2

35 Evergreen Azaleas -----\$14.00

- 5 Rosebud — pink
- 5 Stewartstown — red
- 5 Herbert — purple
- 5 Elizabeth Gable — salmon
- 5 Jessie Coover — rose
- 5 Little Favorite — rose
- 5 Wilhelmina Vuyk — white

☐ AZALEA SPECIAL — A-3

50 Deciduous Azaleas -----\$12.50

- 10 Azalea Mollis
- 10 Azalea Poukahensis
- 10 Azalea Exbury
- 10 Azalea Roseum
- 10 Azalea Hardy Ghents

☐ HOLLY COLLECTION — H-5

30 Hollies -----\$15.00

- 5 Old Heavyberry
- 5 Cardinal
- 5 Bittersweet
- 5 Girard's Male
- 5 Ilex Crenata Convexa
- 5 Illex Crenata Rotundifolia

☐ MINIATURE TREE — M-6

22 Miniature Trees -----\$12.00

Suitable for dwarfing; all potted.

- 2 Jap Red Pine
- 2 Japanese Maple
- 2 Juniper Procumbens
- 2 Chamaecyparis Ericoides
- 2 Chamaecyparis Obtusa Nana
- 2 Chamaecyparis Squarrosa Intermedia
- 2 Sargent Juniper
- 2 Buxus Rotundifolia
- 2 Chamaecyparis Sulphuriana
- 2 Cryptomeria Elegens
- 2 Sciadopitis Verticillata

☐ SPRUCE COLLECTION — SP-7

30 Husky Trees -----\$ 6.00

All 4 and 5- Year Transplants.

- 5 Norway Spruce
- 5 Black Spruce
- 5 Black Hills Spruce
- 5 White Spruce
- 5 Colorado Blue Spruce
- 5 Jezoensis Yeddo Spruce

Can supply the following in Junior sizes, suitable for foundation planting. Sizes 10 to 15 inches, all priced at \$1.35 each. For the small sum of \$15 to \$20 you can landscape your home. All plant roots are packed in damp Spaghnum Moss and will reach you in good condition.

- Taxus Browni
- Taxus Intermedia
- Taxus Cuspidata
- Taxus Hicksi
- Juniperous Hetzi
- Juniperous Pfitzeriana
- Juniperous Andorra
- Thuja Geo. Peabody
- Thuja Occidentala
- Thuja Globe
- Gold Plume Cypress
- Ilex Crenata Convexa Rotundifolia
- Azaleas, mixed colors
- Pieris Japonica

ORNAMENTAL AND SHADE TREES

MALUS (Flowering Crab)

Almey—Has large blossoms of glistening red petals with white markings at the base of each, giving effect of a five point star. Blooms same year. The scarlet fruit is retained all winter, providing food for our feathered friends.

3 to 4 ft., \$3.00 each; 3 for \$8.50.

Red Silver—Fruit of rich maroon red, foliage somewhat cut-leaved with silver and red color. Flowers crimson. Tree bark attractive brown color.

3 to 4 ft., \$2.50 each; 3 for \$7.00.

Hopa—Beautiful rose red flowers followed by clusters of crimson fruit, which can be used for jelly.

3 to 4 ft., \$2.50 each; 3 for \$7.00.

FLOWERING DOGWOODS

White, Cornus florida—Flowers 3 to 3½ inches in diameter, produced in spring before the leaves appear. Spreading and irregular.

Seedlings—12 to 18 in., 10 for \$2.50; 25 for \$5.50.

Transplants—2 to 3 ft., heavily branched, \$1.50 each; 3 for \$3.75; 10 for \$10.00.

Pink, Cornus florida rubra—The flowers are a beautiful shade of pink. Does well in shade. This is a richly colored and very beautiful tree.

Grafts—15 to 18 in., \$2.10 each; 3 for \$6.00. 18 to 24 in., \$3.00 each; 3 for \$8.50.

White Double, Cornus florida flora-plena—Habit of growth is similar to Cornus Florida. The flowers have two rows of petals. Foliage is a lighter green.

Plants—18 to 24 in., \$2.75 each; 3 for \$7.50.

PROSER'S RED DOGWOOD

Cornus florida rubra proseri—A new distinctive dogwood that grows like the pink variety. The flowers are a deeper red color. A wonderful addition to our dogwoods.

Grafts—2 yr., 10 to 12 in., \$2.75 each; 3 for \$7.50.

ROYAL RED DOGWOOD

Cornus Florida Rubra Royal Red—An exceptionally good grower. Will constantly grow straight and forms well. New foliage unfolds blood-red in the spring and will again take on bright red tints in early fall. The blooms are deep red and very large. Mr. Sisk, Mgr. of Broadview Nurseries, states, "this is it". We have seen many of the old and newer dogwoods but none can surpass this for color and growth habits.

Transplants—18 to 24 in., \$4.00 each; 3 for \$11.00.

KOUSA DOGWOOD

Cornus Chinensis Kousa—Large, creamy white flowers, larger than Florida, with bright red berries up to ½ inch in diameter, which makes it an outstanding colorful fall tree.

8 to 12 in., 90¢ ea.; 3—\$2.50; 100—\$50.00.

FLOWERING SHRUBS FRENCH HYBRID LILACS

Culture is simple. These will grow in most any soil. Do well in full sun. Grafted on privet stock which supplies a good root system. Do not allow suckers to grow from bottom, cut all lower shoots off.

Belle de Nancy—Double satin pink, a good one.

Charles Jolly—Double dark purplish red, real nice.

Charles X—Single, profuse blooms. Attractive deep red, one of the best single reds.

President Grevy—Double, bluish lilac. Large flower heads in profusion.

Paul Theirron—Double large clusters of beautiful deep red flowers. When in bloom flowers stand out well above the thick green foliage. One you will like.

Souv. de Alice Harding—A very double large flowering white.

Prices above Varieties. \$1.25 ea.; 3—\$3.00.

PERSIAN LILAC

A dense, low-growing variety with slender branches and narrow leaves. A very dainty plant. Bears an abundance of purplish pink flowers in early spring.

Plants—18 to 24 in., 75¢ each; 3 for \$2.10.

VARIEGATED DOGWOOD

Cornus Elegantissima—Bush form, highly variegated foliage. Attracts the eye. Rich red twigs make this bush very valuable for landscape work.

15 to 18 in., 75¢ each; 3 for \$2.10. 2 to 3 ft., \$1.50 each; 3 for \$4.00.

ROSE OF SHARON

Althea Hibiscus—These are beautiful, upright growing shrubs that sometimes attain the height of 20 feet. Generally bloom in August and September. Very attractive with flowers from white to red. All listed are double varieties.

Ardens—Double violet.

Boule de Feu—Double red.

Jeanne d'Arc—Double pure white.

18 to 24 in., \$1.00 each; 10 for \$8.50.

DOUBLE PINK FLOWERING ALMOND

Almond, Prunus Glandulosa—A very beautiful, early spring-flowering shrub, completely covered from the ground to top of the branches by a mass of pink blossoms.

18 to 24 in., 85¢ each; 3 for \$2.25.

JET BEAD

Rhodotypos kerroides—Upright growing shrub, leaves dark green above lighter green and silky beneath. Flowers are pure white. Very attractive. Grows to height of 7 or 8 feet.

Transplants—15 to 18 in., 3 for \$2.00; 10 for \$6.00.



GHENT HYBRID



Leucothoe, Girard's Rainbow. A new very colorful hybrid of our own. 4 to 6 in. transplants.



American Holly (*Ilex opaca*). Dense pyramidal evergreen trees. 1-yr. transplants.